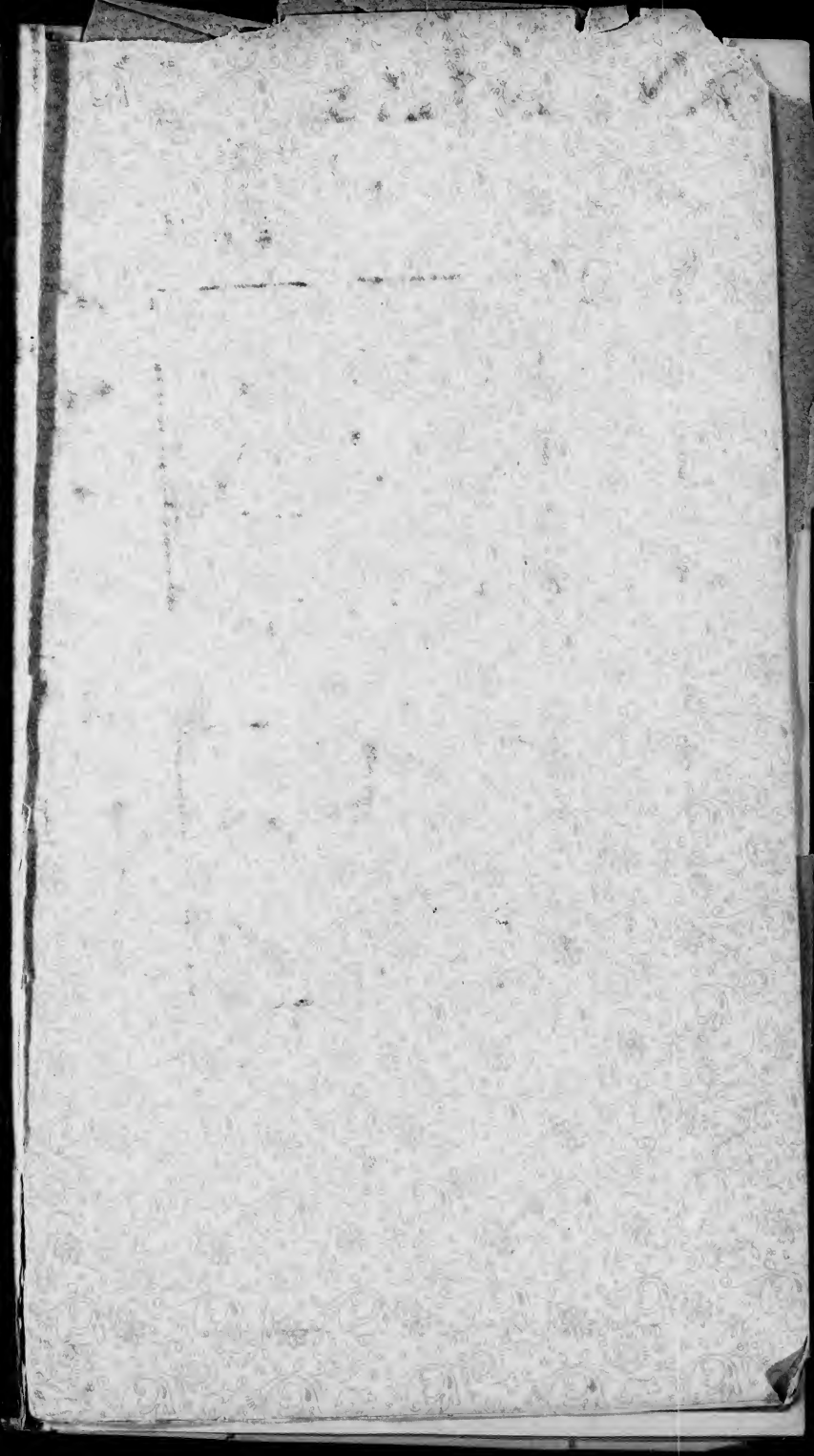


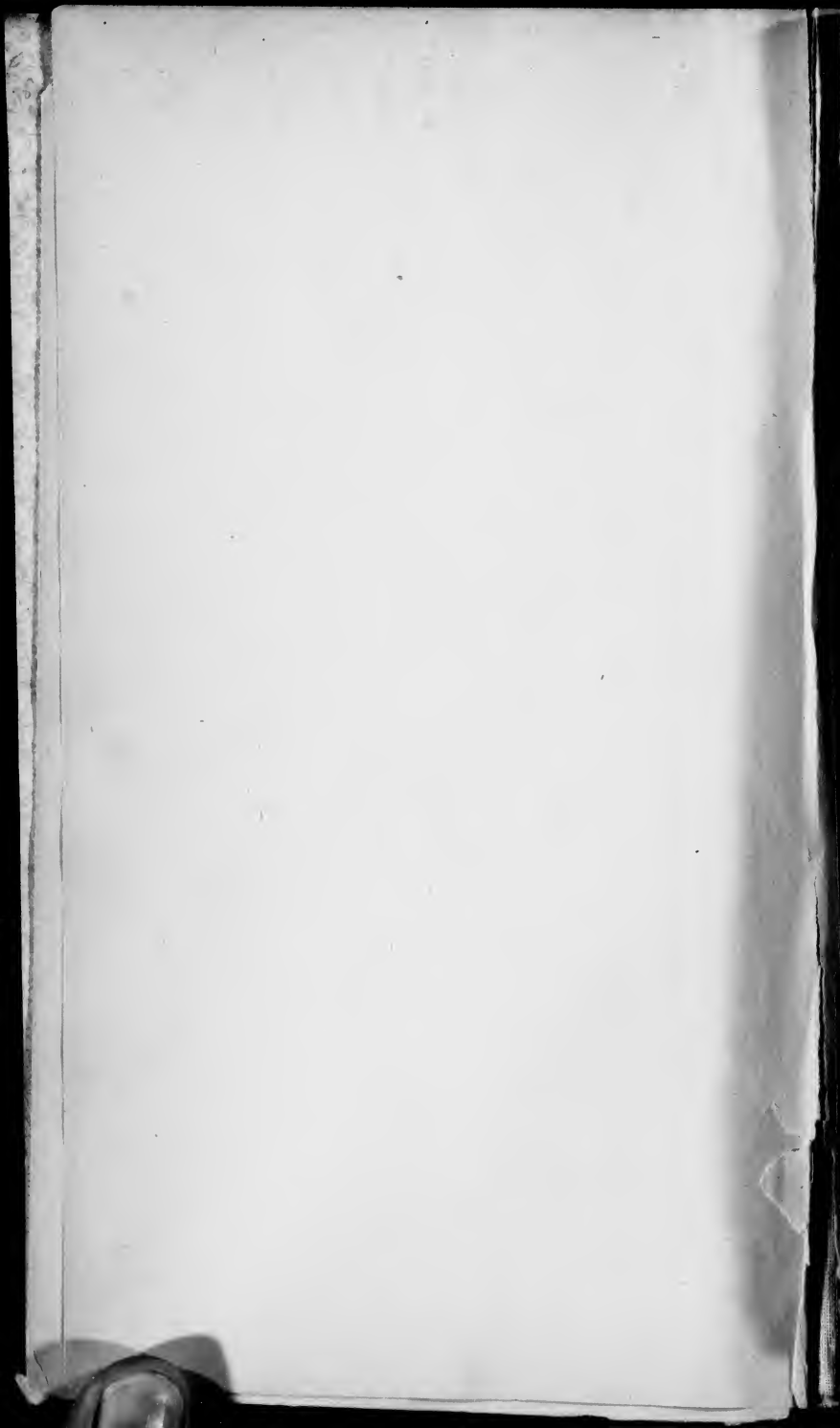
**Report of the
Commissioners
of the
District of
Columbia**

**1910/1911
Vols. 3-5**

(Washington, DC)







62D CONGRESS }
2d Session }

HOUSE OF REPRESENTATIVES

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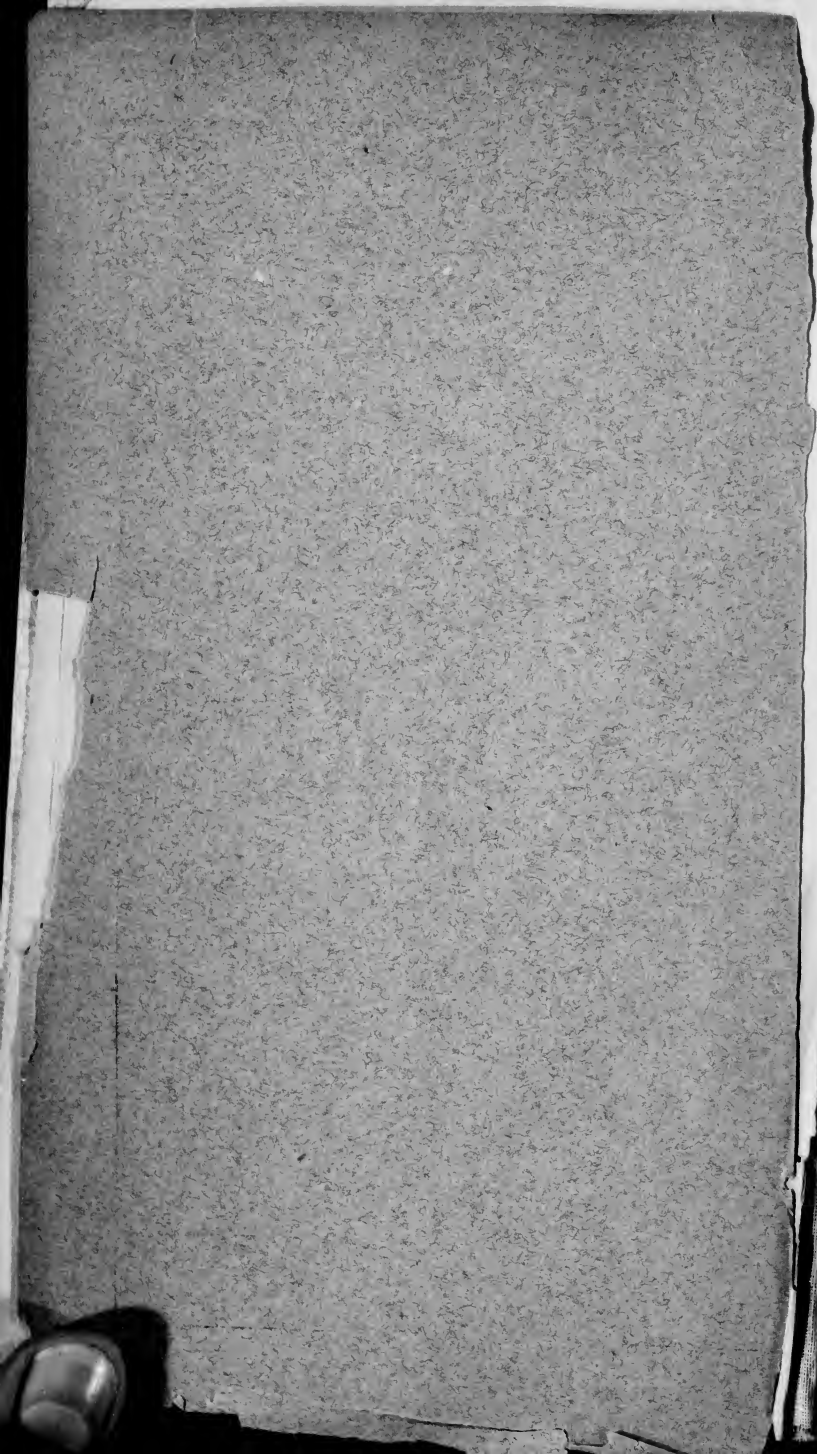
Vol. III

REPORT OF THE HEALTH OFFICER



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OFFICERS OF THE HEALTH DEPARTMENT,

JUNE 30, 1911.

Health officer.

WILLIAM C. WOODWARD, M. D.

Assistant health officer.

HENRY FENNO SAWTELLE, M. D.

Chief clerk and deputy health officer.

HARRY C. MCLEAN.

Clerks.

T. W. PARSONS.

A. G. COLE.

W. W. DAVIES.

E. LUCAS.

S. PHILLIPS.

A. C. PATTERSON.

W. O. ROOME, Jr.

L. H. CROWE.

C. D. HERRMANN.

A. I. MURRAY.

Chief inspector and deputy health officer.

C. R. HOLMAN.

Assistant chief inspector.

HULBERT YOUNG.

Sanitary and food inspectors.

J. F. BUTTS.

R. A. GUERRANT.

R. S. WILSON.

E. W. WHITAKER.

C. H. BUCHANAN.

A. F. EVANS.

A. S. WOODLAND.

C. C. STAUB.

C. H. WELCH.

W. R. SMITH.

W. H. H. HOOVER.

W. V. LEECH.

M. A. POZEN.

J. C. HALEY.

C. E. POWELL.

J. C. HATTON.

E. C. STOY.

R. E. BECKHAM.

J. L. NORRIS.

H. S. LUCAS.

W. B. DODGE, Jr.

L. V. DIETER.

M. H. LANMAN.

E. L. LEMERLE.

Chemist.

R. L. LYNCH, M. D.

Inspector of live stock and dairy farms.

J. P. TURNER.

Veterinarians.

R. R. ASHWORTH.

J. R. GRIME.

H. S. DRAKE.

JOHN ROME.

C. M. GRUBB.

Pound service.

SAMUEL EINSTEIN, poundmaster.

J. WELLS, laborer.

C. PARKER, laborer.

J. MATHEWS, laborer.

A. REPETTI, laborer.

W. REPETTI, laborer.

J. MILLER, laborer.

M. THOMPSON, laborer.

Skilled laborer.

C. W. TROXELL.

Messenger and janitor.

ISAAC PINNEY.

Driver.

J. B. ROBINSON.

Contagious disease service.

| | |
|---|--|
| W. C. FOWLER, M. D., medical inspector, in charge of contagious-disease service. | F. E. HARRINGTON, M. D., medical in- spector. |
| J. E. WALSH, M. D., medical inspector. | A. L. HUNT, M. D., medical inspector. |
| J. J. KINYOUN, M. D., bacteriologist. | J. J. QUICKLEY, skilled laborer. |
| LLEWELLYN ELIOT, M. D., medical in- spector. | C. ARNER, laborer. |

Disinfecting service.

C. M. BEALL, M. D., inspector.
W. D. TAPSCOTT, engineer.

EDW. NEWMAN, laborer.

Crematorium.

ERNEST BISHOP, superintendent.

Medical inspection of public schools.

JOHN S. ARNOLD.
W. M. BARTON.
G. H. HEITMULLER.
I. H. LAMB.

JOHN D. THOMAS.
H. W. FREEMAN.
T. A. GROOVER.
ALBERT RIDGELEY.

U. J. DANIELS.
C. A. TIGNOR.
J. B. NICHOLS.
H. C. MACATEE.

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REPORT OF THE HEALTH OFFICER.

WASHINGTON, *December 18, 1911.*

GENTLEMEN: I have the honor to submit herewith the thirty-second annual report of the health department, covering the operations of the department and other matters pertaining to public health in the District of Columbia during the year ended June 30, 1911.

VITAL STATISTICS.

In order that the data published by this department, pertaining to births, sickness, and deaths in the District of Columbia, may be fairly comparable to corresponding data published in other jurisdictions, birth rates, morbidity rates, and death rates are computed upon the basis of calendar years rather than upon the basis of fiscal years. For that reason the data embodied in the table below pertain to the calendar year 1910 and include for purposes of comparison corresponding data for the preceding calendar year, instead of setting forth rates pertaining to the fiscal year 1910-11 and rates for other similar fiscal periods. This table shows the population of the District of Columbia, births, stillbirths, and deaths, with corresponding rates, for each of the calendar years 1906 to 1910, inclusive, with averages for that and for the preceding quinquennium. Detailed analyses of these figures and data pertaining to morbidity appear later in this report.

Population, births, stillbirths, and deaths, with corresponding rates, during calendar years 1901 to 1910, inclusive.

| Calendar year. | Population. | Births. | Stillbirths. | Deaths. | Rate per 1,000. | | |
|-------------------------|-------------|---------|------------------|---------|-----------------|--------------|---------|
| | | | | | Births. | Stillbirths. | Deaths. |
| 1901..... | 299,600 | 4,355 | ¹ 524 | 6,050 | 14.53 | 1.74 | 20.19 |
| 1902..... | 305,400 | 4,932 | 538 | 5,788 | 16.14 | 1.76 | 18.95 |
| 1903..... | 311,300 | 5,124 | 548 | 5,944 | 16.46 | 1.76 | 19.09 |
| 1904..... | 317,200 | 6,218 | 575 | 6,221 | 19.60 | 1.81 | 19.61 |
| 1905 ² | 323,123 | 6,415 | 665 | 6,205 | 19.85 | 2.05 | 19.20 |
| Average..... | 311,325 | 5,409 | 570 | 6,042 | 17.38 | 1.83 | 19.41 |
| 1906 ² | 326,435 | 6,529 | 638 | 6,316 | 20.00 | 1.95 | 19.35 |
| 1907 ² | 329,591 | 6,873 | 570 | 6,343 | 20.85 | 1.73 | 19.25 |
| 1908 ² | 339,403 | 7,040 | 539 | 6,136 | 20.74 | 1.59 | 18.08 |
| 1909 ² | 343,003 | 7,026 | 585 | 6,216 | 20.49 | 1.71 | 18.12 |
| 1910..... | 348,460 | 7,031 | 544 | 6,511 | 20.02 | 1.59 | 18.69 |
| Average..... | 337,379 | 6,900 | 577 | 6,304 | 20.42 | 1.71 | 18.70 |

¹ Fiscal year.

² Actual enumeration by police; other populations are estimated from these figures.

POPULATION.

Inasmuch as a Federal census was to be taken in the calendar year 1910, the usual annual police census was omitted. This, it appears now, was for two reasons most unfortunate. In the first place, it was impossible to obtain from the United States Bureau of the Census in time for the completion of this report any statement of the results of the enumeration made in 1910 other than a statement of the total population. In the second place, the total population as enumerated by employees of the United States Bureau of the Census in 1910 varied so widely from the results of repeated enumerations made by the local police department that it would have been of great advantage to have had the two enumerations made at or about the same time, so that they might be compared and the reasons for the discrepancies be discovered.

The Director of the Census reported under date of September 8, 1910, that the population of the District of Columbia, as determined by the Bureau of Census, was 331,069. The population of the District, as determined by a police enumeration in 1909, was 343,003, and as determined in a similar manner in 1908, was 339,403. These results of the police enumeration are, moreover, in keeping with preceding enumerations made in the same manner. It can hardly be conceded, therefore, that the enumeration made by the police has been continually and consistently in error and that the enumeration made by the Bureau of the Census was indisputably correct. The figures can possibly be reconciled, but in the absence of the details of the Federal enumeration, it is impossible to do so, and believing that repeated enumerations by the police are more apt to be correct than a single enumeration by employees of the Bureau of the Census the health department has computed the statistics embodied in this report upon the basis of an estimated population computed from the police enumerations rather than upon the basis of the Federal census. Should later results give any reason to believe that the police enumerations have been wrong and the Federal enumeration right, the figures can be revised in a subsequent report.

Computing the population of the District for the year 1910 upon the basis of police censuses for preceding years, it is found to be as follows: White, 250,803; colored, 97,657; total, 348,460.

BIRTHS AND STILLBIRTHS.

A statement of the general rates pertaining to births and stillbirths during 1910, with comparative figures for preceding years, appears in the table on page 9. It is believed, however, after careful investigation that probably as much as 95 per cent of all births and stillbirths are now registered and that figures based upon such registration may be looked upon as affording a safe basis for analysis and deductions, and for that reason details are given in the following tables.

While it must be recognized, of course, that the total population does not form the most desirable basis upon which to compute birth rates and stillbirth rates, yet it is believed to be wiser to make the computations upon this basis than to make them upon estimates of

the minuter subdivisions of the populations, such as upon the female population, the adult female population, the married female population, or the female population of marriageable age.

Relative fecundity of the population of the District of Columbia, by years and by race, during the calendar years 1906 to 1910, inclusive.

| Calendar years. | Births and stillbirths registered. | | | | Rate per 1,000 of corresponding population. | | | |
|-----------------|------------------------------------|----------|-----------|-------|---|----------|-----------|------|
| | White. | Colored. | Un-known. | All. | White. | Colored. | Un-known. | All. |
| 1906..... | 4,584 | 2,570 | 13 | 7,167 | 19.8 | 27.0 | ..... | 22.0 |
| 1907..... | 4,743 | 2,662 | 38 | 7,443 | 20.3 | 27.7 | ..... | 22.6 |
| 1908..... | 5,015 | 2,479 | 85 | 7,579 | 20.7 | 25.4 | ..... | 22.3 |
| 1909..... | 4,970 | 2,548 | 93 | 7,611 | 20.2 | 26.2 | ..... | 22.2 |
| 1910..... | 4,849 | 2,655 | 81 | 7,585 | 19.3 | 27.2 | ..... | 21.8 |
| Average..... | 4,832 | 2,583 | 62 | 7,477 | 20.1 | 26.7 | ..... | 22.2 |

Illegitimacy.—An analysis of the returns of births and stillbirths during the past five years reveals some appalling figures with respect to illegitimacy and serves to emphasize the importance of the campaign now under way for the better instruction of the youth of the community with respect to matters pertaining to sexual relations.

Relative prevalence of illegitimacy in the District of Columbia, by years and by race, during the calendar years 1906 to 1910, inclusive.

| Calendar years. | Illegitimate births and stillbirths registered. | | | | Rates per 1,000 of corresponding population. | | | | Percentage of all births and stillbirths reported as illegitimate. | | | |
|-----------------|---|----------|-----------|------|--|----------|-----------|------|--|----------|-----------|------|
| | White. | Colored. | Un-known. | All. | White. | Colored. | Un-known. | All. | White. | Colored. | Un-known. | All. |
| 1906..... | 129 | 591 | ..... | 720 | 0.5 | 6.2 | (?) | 2.2 | 2.8 | 23.0 | (?) | 10.0 |
| 1907..... | 104 | 573 | ..... | 677 | .4 | 5.9 | (?) | 2.1 | 2.2 | 21.5 | (?) | 9.1 |
| 1908..... | 120 | 559 | ..... | 679 | .5 | 5.7 | (?) | 2.0 | 2.4 | 22.5 | (?) | 8.9 |
| 1909..... | 103 | 580 | 5 | 688 | .4 | 5.9 | (?) | 2.0 | 2.1 | 22.8 | 100 | 9.0 |
| 1910..... | 93 | 559 | ..... | 652 | .3 | 5.7 | (?) | 1.6 | 1.9 | 22.1 | (?) | 8.6 |
| Average..... | 110 | 572 | ..... | 682 | .4 | 5.9 | ..... | 2.0 | 2.3 | 22.1 | ..... | 9.1 |

Ages of mothers of illegitimate children whose births and stillbirths were recorded between July 1, 1910, and June 30, 1911, inclusive.

| When recorded. | Age of mother in years. | | | | | | | | | | | |
|------------------------------|-------------------------|-------|----|----|----|----|----|----|-----------------|--------------------|-----------------|--------|
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total under 21. | Total 21 and over. | Age not stated. | Total. |
| July 1 to Dec. 31, 1910..... | ..... | ..... | 12 | 21 | 33 | 39 | 33 | 17 | 155 | 102 | 38 | 295 |
| Jan. 1 to June 30, 1911..... | 1 | 4 | 10 | 13 | 19 | 18 | 24 | 18 | 107 | 76 | 102 | 285 |
| Total..... | 1 | 4 | 22 | 34 | 52 | 57 | 57 | 35 | 262 | 178 | 140 | 580 |

Stillbirths.—Stillborn children are not considered in computing death rates, since children in utero are not enumerated in determining the population. Having formed no part in the population, these deaths can not properly be considered in determining death rates based upon the population. Nevertheless an avoidable stillbirth represents a needless waste of life, and the prevention of stillbirths is a subject worthy of more study than has yet been devoted to it.

Relative frequency of stillbirths in the District of Columbia, by years and by race, and with reference to legitimacy and illegitimacy, during the calendar years 1906 to 1910, inclusive.

| Calendar years. | Stillbirths registered. | | | | Rates for 1,000. | | | | Percentage of all births and stillbirths of each class named below and reported as stillbirths. | | | | | | |
|-----------------|-------------------------|----------|----------|--------|------------------|----------|----------|--------|---|----------|----------|--------|-------------|---------------|----------|
| | White. | Colored. | Unknown. | Total. | White. | Colored. | Unknown. | Total. | White. | Colored. | Unknown. | Total. | Legitimate. | Illegitimate. | Unknown. |
| 1906 | 254 | 371 | 13 | 638 | 1.1 | 3.9 | .... | 2.0 | 5.5 | 14.4 | .... | 8.9 | 5.06 | 1.66 | 2.10 |
| 1907 | 192 | 340 | 38 | 570 | .8 | 3.5 | .... | 1.7 | 4.0 | 12.8 | .... | 7.7 | 5.23 | 1.16 | 1.28 |
| 1908 | 180 | 274 | 85 | 539 | .7 | 2.8 | .... | 1.6 | 3.6 | 11.1 | .... | 7.1 | 4.60 | 1.39 | 1.12 |
| 1909 | 164 | 328 | 93 | 585 | .7 | 3.4 | .... | 1.8 | 3.3 | 12.9 | .... | 7.7 | 5.02 | 1.45 | 1.22 |
| 1910 | 210 | 263 | 81 | 554 | .8 | 2.7 | .... | 1.6 | 4.3 | 9.9 | .... | 7.3 | 4.98 | 1.21 | 1.11 |
| Average. | 200 | 315 | 62 | 577 | .8 | 3.3 | .... | 1.7 | 4.1 | 12.2 | .... | 7.7 | 4.98 | 1.37 | 1.37 |

Births of children in institutions.—The following table affords strong evidence of changing views with respect to lying-in hospitals. In three years the percentage of children born in such institutions has risen from 17.1 to 22.4. As might have been expected, this increase has been marked by a corresponding decrease in the number of children delivered by midwives—from 18.7 to 15.8. The increase in the number of children born in institutions is, however, greater than the decrease in the number of children delivered by midwives, showing that it is not the poor alone who avail themselves to a greater extent than before of the advantages of hospital care at the time of childbirth.

Percentage of births reported from institutions, computed upon the basis of the total number reported, and the percentage of cases reported by midwives, during the calendar years 1908, 1909, and 1910.

| Calendar years. | Total reported births. | Reported from institutions. | Reported by midwives. | Percentage in institutions. | Percentage reported by midwives. |
|-----------------|------------------------|-----------------------------|-----------------------|-----------------------------|----------------------------------|
| 1908 | 7,040 | 1,205 | 1,315 | 17.1 | 18.7 |
| 1909 | 7,026 | 1,420 | 1,218 | 20.2 | 17.3 |
| 1910 | 7,031 | 1,576 | 1,114 | 22.4 | 15.8 |

Recording of names of infants.—The law enacted in 1907 to provide for the better registration of births definitely provided for the registration of the name of any infant upon the reporting of such name by the attending physician or midwife in the original report of the birth, or by the father or mother of the child in a supplemental report. The recording of the names of infants is of great importance in connection with the subsequent identification of any particular record with some definite individual later in life. In the calendar year 1910, 7,031 births were recorded, and in 1,763 cases, or 25.07 per cent, the names of the children had not been reported up to the time of writing this report, more than six months after the close of the year. The health department has encouraged, as far as possible, the recording of such names, not only by sending the original form as required by law, but by sending also later forms for the use of the parents; but the results, it would appear, have not been altogether satisfactory.

MORTALITY.

General mortality.—The following table shows general mortality rates and mortality rates distributed by race for each of the five years last past, with certain figures pertaining to earlier periods for purposes of comparison.

Population, deaths, and death rates in the District of Columbia, by years and by race, during the calendar years 1906 to 1910, inclusive.

| Calendar years. | Population. | | | Deaths. | | | Death rates. | | |
|------------------------------|-------------|----------|---------|---------|----------|--------|--------------|----------|--------|
| | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | Total. |
| 1896-1900 ¹ | 194,517 | 89,272 | 283,789 | 3,238 | 2,573 | 5,811 | 16.65 | 28.82 | 20.48 |
| 1901-1905 ¹ | 217,606 | 93,719 | 311,325 | 3,395 | 2,647 | 6,042 | 15.60 | 28.20 | 19.41 |
| 1906 ² | 231,417 | 95,018 | 326,435 | 3,578 | 2,738 | 6,316 | 15.46 | 28.82 | 19.35 |
| 1907 ² | 233,403 | 96,188 | 329,591 | 3,629 | 2,714 | 6,343 | 15.55 | 28.22 | 19.25 |
| 1908 ² | 241,920 | 97,483 | 339,403 | 3,547 | 2,589 | 6,136 | 14.66 | 26.56 | 18.08 |
| 1909 ² | 245,861 | 97,142 | 343,003 | 3,622 | 2,594 | 6,216 | 14.73 | 26.70 | 18.12 |
| 1910..... | 250,803 | 97,657 | 348,460 | 3,754 | 2,757 | 6,511 | 14.97 | 28.23 | 18.69 |
| 1906-1910 ¹ | 240,681 | 96,697 | 337,378 | 3,626 | 2,678 | 6,304 | 15.08 | 27.71 | 18.69 |

¹ Annual average for 5-year period.

² Actual enumeration by police; other populations are estimated from these figures.

Mortality with reference to particular diseases.—The general death rate gives no clue to the factors that are responsible for fluctuations in it. It affords no guide to the sanitary measures that can be adopted with the expectation of securing the largest return in the way of lives saved, sickness averted, and efficiency and happiness promoted. For such information we must turn to detailed statements showing the prevalence of particular diseases. Such a statement appears in the following tables.

Relative extent of influence of most important causes of death in the District of Columbia during the calendar year 1910.

| Relative influence in 1910. | Diseases. | Deaths. | | Death rates. | |
|-----------------------------|---|---------------------------|--------------------|---------------------------|----------------|
| | | Annual average 1906-1910. | Occurring in 1910. | Annual average 1906-1910. | Rate for 1910. |
| 1 | Pulmonary tuberculosis..... | 749 | 763 | 222.4 | 218.9 |
| 2 | Pneumonia..... | 550 | 607 | 162.9 | 174.1 |
| 3 | Diseases of the heart..... | 568 | 603 | 168.6 | 173.1 |
| 4 | Bright's disease..... | 442 | 524 | 131.0 | 150.3 |
| 5 | Apoplexy..... | 327 | 401 | 96.9 | 115.0 |
| 6 | Diarrheal diseases, under 2 years..... | 395 | 300 | 90.6 | 86.1 |
| 7 | Malignant growths..... | 276 | 293 | 81.6 | 84.1 |
| 8 | Arteriosclerosis..... | 84 | 107 | 24.8 | 30.7 |
| 9 | Grippe..... | 96 | 85 | 28.4 | 24.4 |
| 10 | Typhoid fever..... | 119 | 81 | 35.4 | 23.2 |
| 11 | Suicides..... | 71 | 80 | 21.0 | 22.8 |
| 12 | Gastritis..... | 73 | 76 | 21.6 | 21.8 |
| 13 | Diarrheal diseases, 2 years and over..... | 72 | 68 | 21.2 | 19.6 |
| 14 | Diabetes..... | 41 | 53 | 12.1 | 15.2 |
| 15 | Insanity..... | 36 | 47 | 10.8 | 13.5 |
| 16 | Meningitis..... | 65 | 42 | 19.8 | 12.0 |
| 17 | Rheumatism..... | 31 | 38 | 9.1 | 10.9 |
| 18 | Whooping cough..... | 38 | 35 | 11.4 | 10.0 |
| 19 | Cirrhosis of liver..... | 43 | 34 | 12.6 | 9.8 |
| 20 | Paralysis, paraplegia, hemiplegia..... | 42 | 33 | 12.4 | 9.5 |
| 21 | Diphtheria and croup..... | 32 | 29 | 9.5 | 8.3 |

Influence of preventive measures on prevalence of disease.—An analysis of the death rates of the most important diseases during the past 15 years shows very clearly that there has been a diminution in the mortality from those commonly regarded as preventable, and with respect to which definite action toward prevention has been taken, in the way either of restrictive legislation or of popular education, or of both. On the other hand, among those diseases that are not ordinarily classed as preventable there has been a considerable rise. The facts are clearly shown in the following table:

Decrease in mortality from so-called preventable diseases and increase in mortality from diseases not commonly regarded as preventable, in the District of Columbia, between 1896 and 1910, inclusive, by 5-year periods.

PREVENTABLE MORTALITY.

| Disease. | Average annual death rate per 100,000. | | |
|------------------------------|--|-----------|-----------|
| | 1896-1900 | 1901-1905 | 1906-1910 |
| Diarrhea and enteritis: | | | |
| Under 2 years old..... | (1) | 103.8 | 90.6 |
| Over 2 years old..... | (1) | 26.3 | 21.2 |
| All..... | | | |
| Diphtheria..... | 160.0 | 130.1 | 111.9 |
| Malaria..... | 51.1 | 17.3 | 9.5 |
| Measles..... | 16.2 | 7.4 | 3.9 |
| Meningitis..... | 10.9 | 4.8 | 4.7 |
| Pneumonia..... | 34.5 | 22.5 | 19.8 |
| Scarlet fever..... | 167.0 | 162.9 | 162.9 |
| Smallpox..... | 4.5 | 2.6 | 3.3 |
| Typhoid fever..... | 0.3 | 1.0 | 0.2 |
| Tuberculosis, pulmonary..... | 60.3 | 52.4 | 35.4 |
| Whooping cough..... | 286.8 | 252.8 | 222.4 |
| | 19.7 | 24.7 | 11.4 |

¹ Not recorded.

Decrease in mortality from so-called preventable diseases and increase in mortality from diseases not commonly regarded as preventable, in the District of Columbia, between 1896 and 1910, inclusive, by 5-year periods—Continued.

NONPREVENTABLE MORTALITY (SO-CALLED).

| Disease. | Average annual death rate per 100,000. | | |
|-------------------------|--|-----------|-----------|
| | 1896-1900 | 1901-1905 | 1906-1910 |
| Apoplexy..... | 86.3 | 86.8 | 96.9 |
| Arteriosclerosis..... | 1.5 | 11.2 | 24.8 |
| Bright's disease..... | 96.9 | 115.6 | 131.0 |
| Cirrhosis of liver..... | 8.8 | 10.9 | 12.6 |
| Diabetes..... | 5.6 | 9.9 | 12.1 |
| Diseases of heart..... | 154.7 | 158.4 | 168.6 |
| Gastritis..... | 12.0 | 21.8 | 21.6 |
| Malignant growths..... | 61.3 | 70.0 | 81.6 |

It is most unfortunate that any distinction should ever have been drawn between preventable diseases and diseases that are supposedly not preventable. Some diseases are certainly more easily prevented than others, and with respect to some the methods of prevention are not yet understood; but probably all diseases are to a certain extent preventable. An examination of the group of "nonpreventable" diseases in the foregoing table shows, however, that the diseases of which the group is made up are not to be regarded as communicable diseases and that in so far as they are now understood they are due rather to the heredity and personal habits of the individual than to any general cause prevailing in the community and under the control of the Government. The only means for controlling such maladies is through education, and in view of the efficiency of education as a means for preventing the spread of communicable diseases it seems highly desirable that the Government should enter upon a campaign of education looking toward the prevention of diseases depending upon the heredity and personal habits of the individual. From the standpoint of the health and efficiency of the Nation as well as from the standpoint of the health and efficiency of the individual, it is just as unfortunate and the loss is just as great whether one is disabled or dies as the result of Bright's disease or as the result of Asiatic cholera, and it is manifestly just as much within the province of the Government to spend money for the prevention of the former as for the prevention of the latter.

Average age at death.—Death rates afford but a crude index to the efficiency and happiness of a community. Figures showing the extent and nature of prevailing sickness would answer the purpose better, but such figures are available only in so far as relates to certain communicable diseases. Another factor that may throw some light upon the matter is the average age at death. Such figures certainly indicate to a certain extent the vigor and robustness of the individuals of whom the community is made up. They must be interpreted with caution, however, since they are largely dependent upon the average age of the entire population and upon other related factors. Unless two communities are known to have the same age composition, the average age at death of persons dying in such communities within any given period can not be safely compared. And if there is any

reason to believe that the age composition of any community has undergone a material change, the average age at death at one period can not be fairly compared with the average age at death at another. With these cautions as to interpretation the following figures are given to show the average age of decedents in the District of Columbia.

Average age at death of persons dying in the District of Columbia, by race and by 5-year periods, from 1896 to 1910, inclusive.

WHITE.

| 5-year period. | All ages. | 5 years and over. | 20 years and over. | 40 years and over. |
|----------------|------------|-------------------|--------------------|--------------------|
| | Yrs. m. d. | Yrs. m. d. | Yrs. m. d. | Yrs. m. d. |
| 1896-1900..... | 38 1 20 | 50 11 28 | 54 3 27 | 63 5 18 |
| 1901-1905..... | 42 3 21 | 51 4 16 | 54 4 14 | 63 8 14 |
| 1906-1910..... | 44 8 8 | 54 10 16 | 57 4 18 | 64 4 1 |

COLORED.

| 1896-1900..... | 25 0 6 | 41 2 15 | 47 5 15 | 59 2 22 |
|----------------|---------|---------|---------|---------|
| 1901-1905..... | 28 4 25 | 42 7 12 | 46 6 20 | 58 7 10 |
| 1906-1910..... | 30 9 17 | 43 5 3 | 47 0 19 | 58 3 22 |

Mortality by race.—It has not been thought worth while to reproduce here tables showing in detail the relative mortality of the white and the colored portions of the population. Such data appear in the appendix, to which reference should be made by those in search of such information. It is sufficient here to say that, as in former years so also in 1910, mortality among the colored population was much higher than among the whites and the average age at death among the former was much lower than among the latter. The general death rate among the colored population was 28.23, while that among the whites was only 14.97. The average age at death of colored decedents was 32 years, 7 months, and 19 days, and that of white decedents was 47 years, 5 months, and 1 day.

Geographical distribution of mortality.—Because of the omission of the police census for the year 1910, it has been impossible to determine the comparative mortality in different parts of the District in 1910. Death returns can be distributed by locality, but unless the population of each corresponding locality is known, it is impossible to determine the relative mortality of any particular place and it is the relative frequency of death, generally referred to as the death rate, and not the absolute frequency that is of importance.

Alley death rate.—Mortality in alleys as distinguished from mortality on streets is merely one form of geographical distribution of mortality, and its study has been prevented by the cause just referred to. Whether, however, the number of deaths recorded among dwellers in alleys as compared with the number of deaths recorded among dwellers on streets, and a comparative study of the causes of death among the two classes, does or does not indicate the necessity for abolishing alleys, there can be no question as to the desirability for such action. The alley question not only involves the question of health but involves also the matter of police protection, fire protection, and the social status and aspirations of dwellers in alleys,

and certainly no one can deny that the trend of alley life is against all of these things. Action that has been taken toward the elimination of alley dwellings, with respect to the famous or infamous Willow Tree Alley, marks a step in the right direction but only a very short step. It may be possible to find throughout the District some other alleys that can well be eliminated by such treatment as that which has been adopted with respect to Willow Tree Alley, viz, the acquisition of the land by the Government and the conversion of the interior of the square into a park or public playground, but in the vast majority of instances the situation is not adapted to such treatment. In such cases, it will be necessary to convert the alley into a minor street or else to find some way by which the abandoning of the dwellings in the alley can be compelled. The problem is one of the most important that is before the community at the present time, and the fact that it is difficult should lead only to increased energy in our efforts toward solution.

MORTALITY DURING THE SIX MONTHS ENDING JUNE 30, 1911.

In order that the records in this report may be brought as nearly to date as practicable, the following table is inserted to show the relative mortality during the first half of the fiscal year 1911 as compared with the mortality during the corresponding period of the preceding year:

Mortality in the District of Columbia during the first six months of the calendar year 1911, as compared with corresponding data for the preceding year.

| Causes of death. | Year— | |
|--------------------------------|-------|-------|
| | 1910 | 1911 |
| External causes: | | |
| Accidents and negligence..... | 114 | 119 |
| Homicides..... | 13 | 13 |
| Suicides..... | 46 | 45 |
| Sunstrokes..... | 1 | 4 |
| Natural causes..... | 3,223 | 3,018 |
| Total..... | 3,397 | 3,199 |
| Special diseases: | | |
| Scarlet fever..... | 11 | 3 |
| Diphtheria and croup..... | 19 | 13 |
| Measles..... | 2 | 21 |
| Whooping cough..... | 19 | 15 |
| Diarrheal diseases— | | |
| Under 2 years..... | 63 | 29 |
| 2 years and over..... | 22 | 25 |
| Dysentery— | | |
| Under 2 years..... | 1 | ..... |
| 2 years and over..... | 4 | 1 |
| Typhoid fever..... | 28 | 27 |
| Malarial fever..... | 2 | ..... |
| Pulmonary tuberculosis..... | 409 | 366 |
| Pneumonia..... | 416 | 389 |
| Phonchitis..... | 75 | 59 |
| Congestion of lungs..... | 17 | 16 |
| Rheumatism..... | 28 | 14 |
| All other diseases..... | 2,117 | 2,040 |
| External causes, as above..... | 174 | 181 |
| Total..... | 3,397 | 3,199 |

DISPOSAL OF THE DEAD.

The following statement shows the disposition of all dead bodies coming under the supervision of the health department during the calendar year 1910:

Disposition of dead bodies coming under the supervision of the health department during the calendar year 1910.

| | Died in the District of Columbia. | Died outside the District of Columbia (bodies brought in for disposal). | Total. |
|--|-----------------------------------|---|--------|
| Sent out of the District for disposal: | | | |
| To Arlington National Cemetery..... | 264 | 30 | 294 |
| To other places..... | 1,143 | 38 | 1,181 |
| Total..... | 1,407 | 68 | 1,475 |
| Cremated: | | | |
| Lee's crematory..... | 35 | 13 | 48 |
| District crematory..... | 333 | 1 | 334 |
| Total..... | 368 | 14 | 382 |
| Buried in the District..... | 4,736 | 48 | 5,204 |
| Total..... | 6,511 | 550 | 7,061 |

CEMETERIES AND CREMATORIES.

No new cemetery or crematory was established during the year.

A list of cemeteries and crematories in the District of Columbia at the close of the year is printed in the appendix.¹

District crematory.—During the calendar year 1910, bodies were disposed of at the District crematory as follows: Adults, 127;² children and infants, 230; stillborn infants, 334; total, 691. The gross cost of maintenance for the same period was \$1,419.83. The receipts during the fiscal year 1910–11 for the cremation of the bodies of persons whose estates were able to pay for such service was \$200.

CONTAGIOUS DISEASES.

Morbidity and mortality.—The following table shows the extent to which each of the reportable contagious diseases prevailed in the District of Columbia during the calendar year 1910, with a supplementary statement showing the extent of such prevalence during the first half of the current calendar year:

¹ See p. 89.

² There were delivered to the anatomical board prior to the year 1910, 23 of these adult bodies, but they were not delivered by said board for cremation until July 11, 1910.

Prevalence of reportable contagious diseases in the District of Columbia during the calendar year 1910, and during the first half of the calendar year 1911.

CASES.

| Diseases. | Cases reported. | | Case rates. | |
|---|----------------------------|-------|----------------------------|------|
| | Annual average, 1906-1910. | 1910 | Annual average, 1906-1910. | 1910 |
| Diphtheria..... | 370.4 | 412 | 133.5 | 118 |
| Scarlet fever..... | 526.4 | 1,001 | 154.9 | 254 |
| Typhoid fever..... | 897.0 | 716 | 265.9 | 205 |
| Smallpox..... | 81.4 | 101 | 24.1 | 29 |
| Measles (1907-1910)..... | 2,093.4 | 241 | 615.5 | 69 |
| Whooping cough (1907-1910)..... | 506.4 | 723 | 148.9 | 207 |
| Chickenpox (1907-1910)..... | 581.5 | 747 | 171.0 | 211 |
| Epidemic cerebro-spinal meningitis (1907-1910)..... | 15.5 | 5 | 4.6 | 1 |
| Tuberculosis (1908-1910)..... | 1,207.3 | 1,514 | 351.5 | 377 |

DEATHS.

| Diseases. | Deaths. | | Percentage of fatalities to cases. | | Death rates per 100,000 population. | |
|---|----------------------------|-------|------------------------------------|-------|-------------------------------------|-------|
| | Annual average, 1906-1910. | 1910 | Annual average. | 1910 | Annual average. | 1910 |
| Diphtheria..... | 31.20 | 27 | 6.90 | 6.6 | 9.5 | 8.3 |
| Scarlet fever..... | 11.20 | 11 | 2.10 | 1.1 | 3.3 | 3.2 |
| Typhoid fever..... | 119.00 | 81 | 13.00 | 11.3 | 35.4 | 23.2 |
| Smallpox..... | .60 | ..... | .70 | ..... | .2 | ..... |
| Measles..... | 11.60 | 3 | .60 | 1.2 | 4.7 | .9 |
| Whooping cough..... | 29.60 | 35 | 5.40 | 4.8 | 11.4 | 10.0 |
| Chickenpox..... | .25 | 1 | .04 | .1 | ..... | ..... |
| Epidemic cerebro-spinal meningitis..... | 10.20 | 4 | 66.10 | 80.0 | 13.5 | 1.1 |
| Tuberculosis (1908-1910)..... | 667.70 | 789 | 55.50 | 60.0 | 222.4 | 218.9 |

¹ Annual average for 3 years.

RECAPITULATION, JAN. 1 TO JUNE 30, 1911.

| Diseases. | Cases reported. | | Deaths. | |
|---|----------------------------|-------|----------------------------|-------|
| | Annual average, 1906-1910. | 1911 | Annual average, 1906-1910. | 1911 |
| Diphtheria..... | 192 | 257 | 16.0 | 13 |
| Scarlet fever..... | 348 | 179 | 8.6 | 3 |
| Typhoid fever..... | 214 | 159 | 34.4 | 23 |
| Smallpox..... | 71 | 31 | .4 | ..... |
| Measles..... | 244 | 3,181 | 13.6 | 20 |
| Whooping cough..... | 351 | 337 | 18.0 | 14 |
| Chickenpox..... | 433 | 400 | .3 | ..... |
| Epidemic cerebro-spinal meningitis..... | 13 | 6 | 8.3 | 2 |
| Tuberculosis..... | 717 | 666 | 420.5 | 386 |
| Leprosy..... | ..... | 1 | ..... | ..... |
| Glanders..... | ..... | 1 | ..... | ..... |

Leprosy.—During the past year the health department has had to deal with another case of leprosy in the District of Columbia. The patient, a native of the Philippine Islands, came to the District in the fall of 1910 as a domestic servant in the household of a naval

officer. In January, 1911, he was reported to the health department as a leper and was quarantined in the dwelling formerly occupied by the leper, John R. Farly. At the close of the period covered by this report arrangements were being perfected for his return to the Philippine Islands.¹ The cost of maintaining this patient made a severe draft upon the appropriation for the maintenance of the contagious disease service.

Infantile paralysis.—The year 1910 was marked by an outbreak of infantile paralysis. This disease, which had been prevailing rather extensively in various parts of the United States during recent years, was first observed as occurring with increased frequency in the District of Columbia during the spring. As it had never been recognized as a communicable disease, and furthermore as it had played a comparatively insignificant part in the morbidity and mortality of the District of Columbia, there was no law in force requiring cases to be reported and no regulation with respect to isolation and disinfection. Moreover, the appropriation for the maintenance of the contagious disease service had been provided in such terms as to render it impossible to draw upon that appropriation for the investigation of the malady or for the cost of preventive measures. Under the circumstances, it was hoped that it might be possible to utilize the emergency fund for those purposes, but it was found impossible to do so. The health department was, therefore, precluded from any considerable activity with respect to the investigation of the extent and nature of the prevalence of infantile paralysis in the District, and, had it been deemed advisable to recommend the adoption of public preventive measures, there would have been no fund available to carry the recommendations into effect.

Upon request made by the health department for the registration of cases of infantile paralysis, 139 reports were received. During the year 21 deaths were recorded, the patients, however, having in some cases been brought into the District of Columbia while suffering from the disease.

The Medical Association of the District of Columbia appointed a special committee for the investigation of infantile paralysis in the District of Columbia, which committee subsequently issued a carefully prepared report. This report appears at length in the Washington Medical Annals of May, 1911, page 81. In brief, it may be said that the committee obtained evidence of the existence of 506 cases of infantile paralysis in the District of Columbia, and of some cases occurring in the neighboring parts of Maryland and Virginia. The exact location of 188 cases was learned, 176 being within the District of Columbia and 12 in the suburbs, either in Maryland or in Virginia, immediately adjacent to the District. The distribution of these cases, this committee reported, followed closely the density of population and did not seem to bear any definite relation to the sanitary condition of the locality. Dates of onset were learned in 150 cases, which were as follows: January, 1; March, 1; April, 1; May, 1; June, 11; July, 61; August, 54; September, 17; October, 2; November, 1.

Of the 246 cases in which the race of the patient was known, 209 were white and 37 colored. The case rate among white was, therefore, 83 per 100,000, and among colored 38. Manifestly, these case

¹ This patient left Washington Sept. 9, 1911, for the Philippine Islands.

rates do not show the extent of the incidence of the disease on either race, as histories could not be obtained of many of the cases—even sufficient to show the race of the patient, but they do serve, probably, to show fairly well the relative incidence of the disease among white people as compared with its incidence among colored.

Of the cases in which the sex of the patient was learned, 151 were males and 95 females.

Of the 246 patients whose ages were learned, 217, equivalent to 88 per cent, were under 10 years old, and 175, or 71 per cent, were under 5 years. The greatest number of cases for any annual age period occurred in the second and the third years of life, each having 45 cases.

With respect to the relation of reported cases to other cases, the committee reported as follows:

In six instances there occurred two cases in the same family (six families). Seventeen cases gave histories of having been exposed to acute cases of poliomyelitis, and one gave a history of having been exposed to a recovered case. Forty-seven cases gave histories of having been exposed to possible abortive cases of the disease, although the information as to this was not conclusive.

The recommendations of the committee were as follows:

- (1) That the reporting of all cases be made compulsory.
- (2) That the proper isolation of patients suffering from the disease be required by law.
- (3) That children residing in dwellings or in families in which cases of poliomyelitis are under treatment be excluded from schools and other places of public assemblage.

Under date of May 3, 1911, the commissioners, on advice of the corporation counsel, promulgated regulations for the prevention of acute anterior poliomyelitis in the District of Columbia, embodying all of the recommendations of the committee, which are printed at length on page 92 of this report.

Hospital service.—The amount and character of service rendered the community by the isolating wards at Garfield Memorial and Providence Hospitals, and by the smallpox hospital and the quarantine station is shown in the following statement:

Service rendered by hospitals for communicable diseases, except the Tuberculosis Hospital,¹ during the fiscal year 1910-11.

| Diseases. | Cases treated at public expense. | | | | Private cases. | | | |
|--|----------------------------------|-------------|----------------|-------------|---------------------|-------------|----------------|-------------|
| | Number of patients. | | Hospital days. | | Number of patients. | | Hospital days. | |
| | Garfield. | Providence. | Garfield. | Providence. | Garfield. | Providence. | Garfield. | Providence. |
| Diphtheria..... | | 95 | | 1,023 | | 33 | | 450 |
| Scarlet fever..... | 39 | | 1,816 | | 30 | | 1,081 | |
| Measles..... | 66 | | 1,373 | | 14 | | 215 | |
| Whooping cough..... | 7 | | 242 | | | | | |
| Chickenpox..... | 6 | | 126 | | 2 | | 21 | |
| Epidemic cerebrospinal meningitis..... | 1 | | 24 | | | | | |
| Erysipelas..... | 23 | | 534 | | 9 | | 98 | |
| Suspects..... | 9 | 31 | 83 | 108 | 1 | 4 | 2 | 33 |
| Total..... | 151 | 126 | 4,203 | 1,131 | 56 | 37 | 1,417 | 483 |

¹ The tuberculosis hospital is under the Board of Charities; hence no report upon its operations is included in this table. Typhoid fever and infantile paralysis were treated only in general hospitals, and consequently no figures are given as to hospital service for these diseases.

Service rendered by hospitals for communicable diseases, except the Tuberculosis Hospital,¹ during the fiscal year 1910-11—Continued.

| Names of institutions. | Pay patients (hospital days). | Free patients (hospital days). | Total (hospital days). | Total appropriated by Government. | Paid by Government, per free patient per day. |
|---------------------------------|-------------------------------|--------------------------------|------------------------|-----------------------------------|---|
| Garfield Memorial Hospital..... | ² 1,417 | 4,203 | 5,620 | \$6,000 | \$1.43 |
| Providence Hospital..... | ² 483 | 1,131 | 1,614 | 4,000 | 3.54 |
| Smallpox Hospital..... | (³) | 1,450 | 1,450 | (⁴) | ..... |
| Quarantine Station..... | (³) | 1,580 | 1,580 | (⁴) | ..... |

¹ The tuberculosis hospital is under the Board of Charities; hence no report upon its operations is included in this table. Typhoid fever and infantile paralysis were treated only in general hospitals, and consequently no figures are given as to hospital service for these diseases.

² No account is rendered of money received from pay patients.

³ No charge is made for any service rendered at the Smallpox Hospital or at the Quarantine Station.

⁴ No direct appropriations are made for these institutions, but the cost of maintenance is paid from the general appropriation for the contagious disease service.

Laboratory service.—The following statement shows the work done in the bacteriological laboratory in connection with the contagious disease service during the calendar year 1910.

Work done in the bacteriological laboratory in connection with the contagious disease service, during the calendar year 1910.¹

| | Positive. | Negative. | Total. |
|---|-----------|-----------|--------|
| Diphtheria cultures: | | | |
| Primary..... | 351 | 1,392 | 1,743 |
| Secondary..... | 257 | 725 | 982 |
| Sputa..... | 325 | 825 | 1,150 |
| Test cultures for disinfecting service..... | 59 | 2,395 | 2,452 |
| Widal test..... | 250 | 480 | 730 |
| Malaria..... | 6 | 84 | 90 |
| Ophthalmia..... | 29 | 40 | 69 |
| Meningitis..... | ..... | 2 | 2 |
| Leprosy..... | 1 | ..... | 1 |
| Total..... | 1,278 | 5,941 | 7,219 |

¹ For a statement of work done in the bacteriological laboratory in connection with the examination of milk and cream, see p. 28.

Disinfecting service.—During the calendar year 1910, 2,496 premises were disinfected, an increase of 402 or almost 20 per cent since the preceding year. The increase has been due largely to the greater frequency with which it has been necessary to disinfect on account of tuberculosis, owing to the increase in the number of cases recorded and to the better understanding of the requirements of law with respect to disinfection after the removal of a tuberculous patient from one house or suite of apartments to another. Of the entire number of premises disinfected, 1,046 were due to tuberculosis alone.

Of 2,452 test cultures used in the disinfecting service to determine the efficiency of disinfection, 2,393 were found upon examination to be negative, equivalent to 97.6 per cent.

Cost of the contagious disease service.—During the fiscal year ending June 30, 1911, the health department has been working with a reduced force, owing to the limitation placed on the appropriation for the contagious disease service restricting the amount available for personal services to \$10,000. The amount expended in previous years has varied from approximately \$8,000 to approximately \$20,000, being dependent upon the prevalence of the diseases with which the contagious disease service has had to deal. In view of the

prevalence of communicable diseases during the fiscal year 1910-11, it was necessary, in order to keep within the limit fixed by law, to detail to the sanitary inspectors the duty of placarding houses that had to be placarded, of advising the inmates of such houses with respect to quarantine, and of investigating the causes of the reported cases of typhoid fever. This assignment of duty tended, of course, to reduce the amount of work that these sanitary inspectors could do in their regular fields of duty. Notwithstanding such assignments of work, however, it became necessary at times to detail sanitary inspectors to the contagious disease service to the exclusion of all other duty, thus further limiting the efficiency of the sanitary inspection force.

MEDICAL INSPECTION OF SCHOOLS.

During the school year 1910-11, the medical inspectors of schools made 9,985 visits to schools and 67 to the homes of pupils. The total number of examinations of pupils was 13,697. Of these examinations, 7,723 were for the purpose of determining whether the pupil examined should or should not be excluded from school, and the remainder, 5,974, were made to determine whether pupils who had been excluded from school or who had been absent from school without the formality of exclusion could safely resume their school duties. Of the pupils examined to determine whether they should or should not be excluded, 822 were found to be in such condition as to render school attendance inadvisable, and exclusion notices were issued. For a statement of the causes of exclusion, reference should be made to the report of the inspector in charge of the contagious-disease service, printed in the appendix. To determine whether pupils had or had not been vaccinated successfully, 2,928 examinations were made, and 494 pupils were found to have been vaccinated unsuccessfully or not at all.

One hundred and thirty-two candidates for admission to the normal schools were examined and passed, with the recommendation, however, in 34 cases that the pupil wear glasses to correct defective vision.

Examinations were made of 118 pupils to determine the advisability of assignment to atypical or ungraded schools. In eight instances the pupils referred for examination were withdrawn by the parents before any examination could be made. Cases of this kind usually represent the tacit admission on the part of the parent of the mental deficiency of the pupil, the parent preferring, however, that it be not made a matter for official action. In 15 instances no final report had been made by the medical inspector at the close of the year. Of the remaining 95 pupils concerning whom definite action was taken, 62 were recommended for assignment to classes for atypical pupils or for assignment to ungraded classes, while it was recommended that the remaining 33 be continued in the regular course.

Open-air schools.—In view of the very satisfactory results from the teaching of pupils in the open air, or at least in a superabundance of fresh air, that had been reported from other cities, the board of education in the fall of 1910 authorized a fresh-air class in the Blake School. The health department undertook the medical supervision of the pupils in this class in order that no harm should result from the venture and in order that the benefits accruing from it, if any, might be ascertained. For purposes of comparison a class in the Gales School was selected, the pupils being as nearly as possible of the same type as

those in the fresh-air class, the only material differences in the situation being that the class in the Gales School was taught in the ordinary schoolroom, with only such attention to ventilation as is customary under such circumstances, and that each pupil in the fresh-air class in the Blake School received a cup of cocoa and a cracker or two at the half-past 10 o'clock recess, while the pupils in the indoor class in the Gales School received nothing. The materials for this lunch were supplied, it should be added, by private generosity and not at public expense.

Whether the venture was successful from a physical point of view can be best judged from the following extract from a report made by Dr. John L. Norris, one of the inspectors in the service of the health department, who was detailed to represent the department in the matter, under date of January 31, 1911:

A third examination of the pupils of the outdoorschool and a like examination of the same grade at the indoor school was completed on January 30.

The average gain in weight for the outdoor school since the last examination made December 19 is 0.92 pound. That of the indoor, 1.31. The average gain in height for both schools is 0.28 inch.

The first examination was made November 16, since which time the pupils of the outdoor school have gained on an average of 3.17 pounds per pupil, while those in the indoor school have averaged but 2.30 pounds per pupil. It will be seen from the above that during the month of January, the pupils of the indoor school made a greater average gain in weight, but this gain was not sufficient to make up for the gain made by the outdoor school in previous months. The gain in weight in the outdoor school has been 37 per cent greater than that of the indoor.

The average gain in height since the first examination for the outdoor school is 0.71 of an inch, while for the indoor school it was but 0.53 of an inch. The gain in height in the outdoor school has been 0.34 per cent greater.

A further comparison of the weights of the pupils of both schools shows that since the first examination all of the pupils of the outdoor school have made a gain in weight. Three children in the indoor school have lost in weight since the first examination.

This is the last examination which can be made of this class, as many of the pupils of both the indoor and outdoor class will be promoted to the fifth grade and both classes will then be indoors.

The number of days lost from illness in outdoor school since the first examination is 60, while the indoor school lost 161. Average loss per pupil in outdoor, 2.40 days; for the indoor, 4.79 days.

Dental inspection of schools.—Upon the initiative of the National Capital Dental Society, a volunteer examination of the teeth of 2,528 of the pupils in the public schools was made by a group of public-spirited dentists during the school year 1910-11. Some of the facts elicited by this investigation showed that 852 children had defective gums; 1,367 admitted that they did not use toothbrushes; only 83 temporary teeth and 243 permanent ones were found filled; while 2,736 cavities were discovered; 682 children were found suffering from malocclusion; 131 children were found needing treatment for abscesses; 1,220 teeth needed extraction; and 1,308 defective teeth were found that by proper treatment might be saved and made useful.

These facts undoubtedly show the need of a careful examination of the teeth of our school children. But the question at once arises, what is to be done to procure for pupils the treatment that they need? Among the children whose teeth were found in need of treatment were certainly some whose parents could afford to pay for the services of the dentist, and in all other cases the several dental dispensaries of the District were open to afford relief. The conditions found by the dental inspections were, therefore, not due to lack of opportunity

for treatment, but to lack of information and lack of interest on the part of the parent. The systematic inspection of the teeth of the pupils in the public schools would undoubtedly be accompanied by the notification of parents with respect to needed treatment. Unfortunately, however, bare notification is not sufficient, as has been demonstrated by experience with respect to notification concerning disease and physical defects found by the medical inspectors. It is too often necessary in such cases in order to obtain treatment for the child, to follow the written notice by a personal visit to the home, and in some cases the parent's consent must be obtained and the child be then taken to the physician, at the dispensary or elsewhere. And there is no reason to believe that experience will be different with respect to defects reported by dental examiners. Unless, therefore, the work of dental inspectors is supplemented by the services of a corps of school nurses, such as has already been recommended for service in connection with the medical inspection of schools, it will, it is feared, fall far short of accomplishing all the good of which it is capable of accomplishing.

OPERATIONS UNDER THE CHILD-LABOR LAW.

At the request of the board of education, 534 children were examined during the fiscal year 1910-11 to determine whether they were in such physical condition as to justify the issue of permits authorizing them to work. In all but three instances it was recommended that permits be issued.

PRIVATE HOSPITALS AND ASYLUMS.

Three applications for permission to establish and maintain private asylums were filed during the fiscal year 1910-11, two for asylums for human beings and one for an asylum for domestic animals. For the asylum for domestic animals a license was duly issued. Final action upon the applications for permission to establish and maintain asylums for human beings had not been taken at the close of the year.

The following table shows the status of all applications for permission to establish and maintain private hospitals and asylums filed since the enactment of the law now governing such institutions, April 20, 1908. A list of the institutions that had been licensed up to the close of the fiscal year covered by this report is printed in the appendix.¹

Number and character of applications for licenses to establish and maintain private hospitals and asylums under the act of Apr. 20, 1908, and action taken thereon up to June 30, 1911.

| | Re- ceived. | Li- censed. | Pend- ing. | Re- ject d. | With- drawn. |
|---------------------------------|----------------|----------------|---------------|----------------|-----------------|
| Hospitals for human beings..... | 9 | 5 | 3 | ..... | 1 |
| Hospitals for animals..... | 9 | 7 | 1 | 1 | ..... |
| Asylums for human beings..... | 22 | 12 | 8 | 1 | 1 |
| Asylums for animals..... | 1 | 1 | ..... | ..... | ..... |
| Total..... | 41 | 25 | 12 | 2 | 2 |

¹ See p. 88.

CHEMICAL LABORATORY.

In the chemical laboratory 6,482 samples were examined during the fiscal year 1910-11. Of them, 6,176 were samples of food, drugs, and of table waters collected by the inspectors of the health department; 287 were samples of well waters from various sources; 15 were samples submitted by the police department, 2 by the coroner, 1 by the inspector of plumbing, and 1 by the property clerk. A detailed statement showing the nature and results of these analyses appears in the report of the chemist, printed in the appendix.¹

The needs of the chemical laboratory have been set forth at length in the annual estimates of the expenditures necessary for the maintenance of the health department upon a proper basis during the fiscal years 1911-12 and 1912-13. Briefly, it may be said that new apparatus is needed to replace some of that now in use and to supplement the rest, that a laborer should be provided to assist the chemist in keeping the laboratory and laboratory apparatus in order, and that better salaries should be provided for the chemist and for the inspector detailed to assist him.

BACTERIOLOGICAL LABORATORY.

A statement of the work done in the bacteriological laboratory in connection with the contagious-disease service appears on page 20.

Standardization of disinfectants.—For a number of years the District of Columbia has purchased disinfectants only of known composition and potency. This practice has barred all proprietary disinfectants, as the formulas of such preparations are generally secret and their efficiency, when they have any, is unknown. Upon representations, however, that a saving could be effected by the purchase of disinfectants if the specifications incorporated in the blank form for proposals were drawn so as to allow venders of proprietary disinfectants to bid, the following specifications were prepared:

Any disinfectant not specifically named may be offered under the following conditions:

1. The disinfectant must be stable under all ordinary conditions, must be soluble in water, and must not be corrosive nor inflammable, and must not be more toxic or irritant nor more offensive to the sense of smell than pure carbolic acid, and evidence to show conformity with these conditions must be submitted by the bidder.

2. Bids must be accompanied by a statement showing the results of a chemical analysis of the substance or substances offered by the bidder, and protocol of the methods employed in making such analysis, signed by a competent chemist.

3. Aqueous solutions of a definite stated strength of the substance must kill cultures of bacillus coli within a stated time.

4. The disinfecting coefficient of the substance as tested against bacillus coli shall be stated as compared with the disinfecting power of chemically pure carbolic acid crystals (absolute phenol).

5. A protocol of the methods employed in making the test upon which the bidders' claims are based and the results of such tests, signed by a competent bacteriologist, shall be submitted with the bids.

6. Samples for testing shall be furnished, upon request of the health officer, in such quantity as may be necessary for that purpose, without cost to the District of Columbia.

7. In event of the awarding of a contract the substance delivered by the contractor must be guaranteed, under the food and drugs act of June 30, 1906, to have disinfecting power determined and expressed in the terms set forth above and as further elaborated in the bid, evidence of which guaranty shall appear upon each package delivered.

Only one bid was received making any pretense to compliance with the prescribed conditions. In that case the sample submitted was

¹ See p. 64.

subjected to bacterial examination and was rejected. It developed, however, that the specifications had not been sufficiently explicit, as the test to which the proffered disinfectant had been subjected by the bacteriologist in the employ of the bidder had been made without the presence of organic matter, while the test to which it was subjected in the health department was made in the presence of such matter, as being more closely analogous to the conditions under which the preparation would be used in actual service should it be purchased. While efficient in the absence of such matter, yet when organic matter was introduced the disinfecting agent was decomposed by it and lost its potency against the test organisms.

Bacterial examination of milk.—The existence of a bacteriological laboratory in the health department was first expressly recognized by law by the act of May 18, 1910, making appropriations to provide for the expenses of the government of the District of Columbia for the fiscal year 1911-12. A laboratory sufficient to meet the needs of the contagious-disease service had been maintained for a number of years out of the appropriation for the support of that service, but the act referred to specifically appropriated \$800 for the equipment and maintenance of a bacteriological laboratory and authorized the assignment of any bacteriologist employed and paid under the contagious-disease appropriation to the bacteriological examination of milk and other dairy products and of the water supplies of dairy farms. A statement of the work done in the bacteriological laboratory in connection with the control of the milk supply appears in connection with the discussion of the food inspection service.¹

FOOD-INSPECTION SERVICE.

Inspection of dairy farms.—The following table shows the number and distribution of the dairy farms from which milk and cream were shipped into the District of Columbia during the fiscal year 1910-11 with certain pertinent data:

Number and distribution of dairy farms on which milk and cream were produced for sale in the District of Columbia during the fiscal year 1910-11, with certain data pertaining thereto, and corresponding figures for the preceding year.

| | Total. | | District of Columbia. | | Virginia. | | Maryland. | |
|--|--------|--------|-----------------------|-------|-----------|--------|-----------|--------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Farms registered at beginning of year. | 882 | 1,091 | 62 | 52 | 326 | 342 | 476 | 667 |
| Farms registered during year. | 388 | 284 | 7 | 7 | 80 | 66 | 282 | 96 |
| Licenses surrendered or canceled or applications rejected during year. | 188 | 245 | 17 | 10 | 64 | 58 | 91 | 93 |
| Farms registered at close of year. | 1,091 | 1,130 | 52 | 49 | 342 | 350 | 667 | 670 |
| Cattle on farm at beginning of year. | 16,116 | 17,744 | 717 | 518 | 6,437 | 6,914 | 8,335 | 9,741 |
| Net number added or diminished during year. | +1,628 | +1,033 | -199 | +44 | +477 | +642 | +1,406 | -160 |
| Total on farms at close of year. | 17,744 | 18,777 | 518 | 562 | 6,914 | 7,556 | 9,741 | 9,581 |
| Inspections of farms. | 4,182 | 4,349 | 808 | 650 | 1,393 | 1,456 | 1,952 | 1,790 |
| Average frequency of inspection of each farm during year. | 3,833 | 3,84 | 17,461 | 13,26 | 4,073 | 4,16 | 2,941 | 2,67 |
| Inspections of cattle. | 69,611 | 60,114 | 8,924 | 6,813 | 27,723 | 26,357 | 32,264 | 26,692 |
| Average frequency of inspection of each animal. | 3,923 | 3,19 | 11,044 | 12,10 | 4,006 | 3,82 | 3,312 | 2,72 |
| Average number of farms inspected per inspector per day worked. | 3,152 | 3,11 | 3,137 | 3,29 | 3,826 | 2,66 | 2,806 | 2,70 |
| Cows tuberculin tested during year. | 1,302 | 3,685 | 518 | 562 | 375 | 2,063 | 409 | 992 |

¹ See p. 28.

Number and distribution of dairy farms on which milk and cream were produced for sale in the District of Columbia during the fiscal year 1910-11, with certain data pertaining thereto, and corresponding figures for the preceding year—Continued.

| | Pennsyl- vania. | | New York. | | New Jersey. | | West Vir- ginia. | | Ohio. | |
|--|--------------------|------|-----------|------|-------------|------|---------------------|------|-------|------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Farms registered at beginning of year. | 5 | 6 | 15 | 18 | 7 | 6 | | | | |
| Farms registered during year. | 12 | 74 | 7 | 8 | | | | 7 | | 26 |
| Licenses surrendered or canceled or applications rejected during year. | 11 | 54 | 4 | 4 | 1 | 6 | | 3 | | 17 |
| Farms registered at close of year. | 6 | 24 | 18 | 22 | 6 | | | 4 | | |
| Cattle on farm at beginning of year. | | 45 | 595 | 357 | 32 | 169 | | | | |
| Net number added or diminished during year. | +45 | +200 | -238 | +240 | +137 | -169 | | +47 | | +89 |
| Total on farms at close of year. | 45 | 245 | 357 | 597 | 197 | | | 47 | | 89 |
| Inspections of farms. | 6 | | 11 | 18 | 12 | | | 5 | | 16 |
| Average frequency of inspections of each farm during year. | 1.0 | | 0.611 | 0.81 | 2.0 | | | 1.25 | | 1.77 |
| Inspections of cattle. | 45 | | 357 | 597 | 298 | | | 67 | | 178 |
| Average frequency of inspection of each animal. | 1.0 | | 1.0 | 0.85 | 1.76 | | | 1.42 | | 2 |
| Average number of farms inspected per inspector per day worked. | 3.0 | | 2.75 | 3.0 | 3.0 | | | 2.5 | | 40 |
| Cows tuberculin tested during year. | | 12 | | | | | | 56 | | |

The figures in the foregoing table do not bear out the statement sometimes made by those interested in the production and sale of milk that the supervision that is being maintained over the milk business, including the agitation concerning the application of the tuberculin test, have tended and will tend to drive men out of the business. There was a net gain during the year in the number of farms producing milk and cream for sale in the District of Columbia of 39 and in the number of cattle on such farms there was a gain of 1,033. It is gratifying to note the increase in the number of cattle tuberculin tested. With the diffusion of more accurate knowledge of the tuberculin test among owners of cattle the number tested will increase from year to year.

The tuberculin test.—On November 26, 1909, the commissioners promulgated certain regulations for the suppression and prevention of tuberculosis among cattle in the District of Columbia. On November 5, 1910, a further step was taken toward the eradication of the disease from among the dairy herds supplying milk to the District, when the health officer, with the approval of the commissioners, amended the regulations for the government of dairies and dairy farms as follows:

NOVEMBER 5, 1910.

Ordered. That the following amendments of the regulations made July 31, 1897, by the health officer of the District of Columbia and approved by the commissioners of said District, pursuant to the requirements of section 11 of "An act to regulate the sale of milk in the District of Columbia, and for other purposes," approved March 2, 1895, are hereby made by adding after section 14 thereof the following sections:

SEC. 14a. No new dairy cow and no new bull which has not been demonstrated by the tuberculin test to be free from tuberculosis and officially tagged to show that fact shall be brought upon any dairy farm in the District of Columbia and maintained there for a period longer than is necessary to have said cow or bull officially tuberculin tested. And any cow or bull so tested and reacting to the tuberculin test shall be tagged so as to show that fact and killed or promptly removed from said farm.

SEC. 14b. Whenever there is found on any dairy farm any cow or bull presenting such physical evidence of tuberculosis as to make it appear to the satisfaction of the health officer that such cow or bull has tuberculosis, then and in that event the licensee or applicant for license to produce for sale milk on said farm upon which such cow or bull is, shall, upon written notice from the health officer, have said cow or bull immedi-

ately killed, or removed from the dairy farm, or else separated from the dairy herd and officially tuberculin tested; and if said animal reacts to the tuberculin test, then such licensee or applicant, as the case may be, shall have said cow or bull forthwith tagged so as to show that fact, and promptly killed or removed from the said dairy farm: *Provided*, That nothing in section 14a or in section 14b of these regulations shall in any way modify or repeal any of the provisions of the order of the Commissioners of the District of Columbia for the suppression and prevention of tuberculosis in cattle, promulgated November 26, 1909.

SEC. 14c. With respect to all applications filed after October 1, 1910, prompt action will be taken, and if all cattle on the dairy farm to which any such application relates are not free from tuberculosis as shown by the tuberculin test the application will, in the discretion of the health officer, be promptly rejected.

In order to appreciate the true significance of the order set forth above it is necessary to bear in mind the fact that permits to bring milk into the District of Columbia from other jurisdictions are conditioned upon compliance by the licensee with the laws governing the production and sale of milk in the District of Columbia, and that the regulations set forth above, when promulgated by the health officer to govern the production of milk in the District of Columbia immediately became operative with respect to all farms outside of the District upon which milk is produced for sale in that jurisdiction. The aim of the health department is the exclusion from the District of Columbia of all milk from cattle suffering from tuberculosis, certainly unless that milk has been properly pasteurized. Whether it shall or shall not be permitted to come in after pasteurization is a matter not now pressing for immediate settlement, for two reasons: First, because the food and drugs act, June 30, 1906, definitely forbids its introduction into the District and its sale if introduced, inasmuch as it declares any food to be adulterated within the meaning of the act if it is the product of a diseased animal. Second, because the health department is not prepared to supervise properly the pasteurization of milk at the creameries from which milk is shipped into the District or at individual farms. For these reasons the department is doing as much as is practicable to bring about as speedily as possible the tuberculin testing of all cattle on dairy farms contributing to the milk supply of the District.

Inspection of dairies.—The statement below shows the number and distribution of the places where milk was sold in and for the District of Columbia at retail as the principal or only business, commonly known as "dairies," during the fiscal year 1910–11.

Number and distribution of dairies in and for the District of Columbia during the fiscal year 1910–11, with certain data pertaining thereto, and corresponding figures for the preceding year.

| | Total. | | In District of Columbia. | | In Maryland. | | In Virginia. | |
|--|--------|-------|--------------------------|-------|--------------|------|--------------|------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Licensed at beginning of year | 62 | 63 | 59 | 58 | 1 | 3 | 2 | 2 |
| Applications received during year | 15 | 11 | 13 | 11 | 2 | | | |
| Permits issued during year | | 4 | | 4 | | | | |
| Permits surrendered during year | 5 | 8 | 5 | 5 | | 3 | | |
| Applications rejected during year and withdrawn | 9 | 9 | 9 | 9 | | | | |
| Licensed dairies at close of year | 63 | 57 | 58 | 55 | 3 | | 2 | 2 |
| Inspections of licensed dairies during year | 1,378 | 1,077 | 1,368 | 1,071 | 6 | | 4 | 6 |
| Average number inspections of each licensed dairy during year | 21.8 | 18.8 | 23.6 | 19.4 | 2 | | 2 | 3 |
| Average number of licensed dairies inspected by inspector of dairies only, computed on basis of days actually worked | 6.5 | 7.53 | 6.8 | 7.65 | 1 | | 1 | 1 |

Examination of milk.—The chemical examination of milk has been continued as heretofore, and through the legislation enacted in the appropriation act of May 18, 1910, authorizing the bacterial examination of milk in the health department, it has been possible to make a considerable number of bacterial analyses.

Chemically there were examined 5,332 samples of milk and 434 of cream. The following statement shows on a percentage basis the results of such analyses:

Results of the chemical analysis of 5,332 samples of milk and 434 samples of cream in the District of Columbia during the fiscal year 1910-11, with corresponding figures for previous years.

| Years. | Milk samples containing less than 3.5 per cent fat. | Milk samples containing 3 per cent fat and less. | Milk samples containing added water. | Cream samples containing less than 20 per cent fat. | Cream samples containing 18 per cent fat and less. |
|--------------|---|--|--------------------------------------|---|--|
| | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> | <i>Per cent.</i> |
| 1906-7..... | 10.64 | 2.66 | 0.39 | 46.54 | 26.16 |
| 1907-8..... | 14.61 | 2.76 | 1.39 | 53.01 | 33.71 |
| 1908-9..... | 6.99 | 1.92 | 1.09 | 44.53 | 21.44 |
| 1909-10..... | 7.78 | 5.01 | 1.80 | 66.73 | 28.64 |
| 1910-11..... | 7.74 | 1.90 | 1.74 | 66.12 | 23.76 |

Prosecutions for sale of adulterated milk and cream were instituted in 236 cases. Three cases were "nolle prossed" and 76 were pending at the end of the year. The remainder either failed to appear for trial, thus forfeiting collateral, or were tried and convicted. Fines and forfeitures were collected amounting to \$936.

As soon as practicable after the money appropriated by the appropriation act of May 18, 1910, became available for the purpose, apparatus for the bacterial examination of milk and of water from wells on dairy farms was provided and a food inspector detailed to the milk-inspection service was assigned to duty in the bacteriological laboratory to assist in the supervision of the milk supply by bacteriological methods. From the time of beginning such work, September 19, 1910, up to the close of the fiscal year, 663 samples had been examined. A detailed report will be submitted showing the results of such work after it has been under way for 12 months; as by deferring any formal report until that time, it will be possible to determine the extent to which season influences the bacterial content.

The results of bacterial examinations of milk have been used up to the close of the year chiefly for educational purposes.

Vendors of milk and of milk products whose milk or cream showed a high bacterial count or indicated excessive contamination with animal excrement were summoned to show cause why prosecution should not be instituted, and at the hearing the significance of the bacterial findings were explained to them and ways pointed out whereby such findings might be avoided in the future. The results have been, however, far from satisfactory, and it will probably be only through vigorous prosecution and the infliction of heavy penalties that a cleaner, fresher, and better-kept milk will be obtained. In two instances, only, prosecutions have been brought based upon bacterial findings, the offense in each case being the sale of a milk having a high bac-

terial count to hospitals, in one case, 5,400,000 per cubic centimeter, and in the other, a so-called pasteurized milk, 3,060,000. One of these cases was brought to trial in the police court and determined in favor of the defendant. An appeal by the Government was pending in the court of appeals at the close of the year, and action in the other case had been suspended pending the determination of the case in the court of appeals.¹

Investigation of health department methods for the supervision and control of the milk supply.—In view of certain allegations made before the chamber of commerce relative to the methods adopted by the health department for the supervision and control of the milk supply, that body appointed a committee to investigate the matter. The report of the committee was approved by the chamber of commerce January 30, 1911, and was printed subsequently as a Senate document.² The report is an exhaustive statement of the factors entering into the production and sale of milk not only in the District of Columbia, but generally, and is a valuable contribution to the literature on the subject. It does not, however, sustain the charges made against the health department.

Inspection of live stock.—There has been no change in the situation with respect to the inspection of live stock in the District of Columbia since the last report of the health department was submitted. Twenty-three small slaughter houses still remain scattered throughout the District and subject only to such supervision as the inspectors of dairy farms can give them. As the hours and days when these places are in operation are such as suit the convenience of the proprietor and are fixed without reference to the convenience of the health department, animals are commonly killed before they are seen by any representative of the department and ordinarily, it is safe to say, that the carcass is disposed of without any inspection except such as it receives after it has been dressed, cut up, and placed upon the retail stand in store or market, where it is seen only by the regular food inspectors. The dairy farm inspectors inspected at these small slaughterhouses the carcasses of 54 cattle, 580 calves, 620 sheep, and 32 hogs, of which condemnations were made as follows: Of cattle, 2; sheep, 2. In view of the circumstances set forth above, however, this can not be taken as indicating that no greater number of animals were killed at such establishments or that all of the diseased and unwholesome meat there came under the observation of representatives of the health department.

Recommendations heretofore made for the better regulation of slaughterhouses in the District of Columbia and of their products are respectfully renewed.

Inspection of markets, grocery stores, etc.—The following statement shows number and kinds of places in the District of Columbia where food is prepared for sale, held for sale, and sold during the fiscal year 1910-11.

¹ The case based upon the sale of raw milk was decided by the court of appeals adversely to the health department (39 Washington Law Reporter, 756). The court said: "The charge is that the milk was of an inferior quality because it was stale or dirty, or both stale and dirty, and contained fecal matter. This does not show the delivery of an inferior article of standard and unadulterated milk within the prohibition of sec. 2, but of an adulterated article within the terms of sec. 3."

² S. Doc. 863, 61st Cong., 3d sess.

Number and kinds of places in the District of Columbia during the fiscal year 1910-11, where foods were prepared for sale, held for sale, and sold, with certain data pertaining thereto, and corresponding figures for the preceding year.

| | Bakeries. | | Confectioneries. | | Groceries. | | Markets. | |
|--|-----------|------|------------------|-------|------------|-------|----------|-------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Places registered at beginning of year..... | | 78 | | 227 | | 1,728 | | 8 |
| Places registered during year..... | 78 | 12 | 225 | 87 | 1,725 | 526 | 8 | 1 |
| Places abandoned or duplicated during year..... | | 30 | 34 | 45 | 178 | 442 | | |
| Places registered at close of year..... | 78 | 60 | 227 | 269 | 1,728 | 1,812 | 8 | 9 |
| Total number of inspections..... | 169 | 277 | 2,267 | 1,404 | 15,158 | 8,835 | 1,426 | 1,763 |
| Average frequency per annum with which each place was inspected..... | 2.2 | 4.62 | 10.0 | 5.21 | 8.7 | 4.87 | 178 | 195.9 |
| Total number of places inspected per inspector per working day..... | 0.25 | 0.90 | 3.7 | 3.5 | 16.5 | 9.6 | 1.5 | 1.8 |

| | Lunchrooms, restaurants, hotels, and cook shops. | | Other places. | | Hucksters. | | Total. | |
|--|--|-------|---------------|-------|------------|-------|--------|--------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Places registered at beginning of year..... | | 844 | | 778 | | 680 | | 4,343 |
| Places registered during year..... | 840 | 186 | 765 | 778 | 715 | 680 | 4,356 | 2,270 |
| Places abandoned or duplicated during year..... | | 396 | 13 | 22 | 35 | 23 | 13 | 912 |
| Places registered at close of year..... | 844 | 634 | 778 | 756 | 680 | 703 | 4,343 | 4,243 |
| Total number of inspections..... | 6,689 | 4,988 | 2,949 | 1,613 | 5,820 | 2,994 | 34,478 | 21,874 |
| Average frequency per annum with which each place was inspected..... | 7.9 | 7.8 | 3.8 | 2.28 | 8.5 | 4.2 | 7.94 | 5.15 |
| Total number of places inspected per inspector per working day..... | 10.9 | 16.2 | 4.8 | 5.3 | 6.3 | 3.2 | 22.53 | 17.0 |

Prosecutions.—As the result of the operations of the health department under the various laws and regulations pertaining to the manufacture, storage, and sale of foods and drugs, 670 cases were referred to the police court for prosecution. Fines and forfeited collaterals amounting to \$2,739.50 were collected as the outcome of these prosecutions.

SANITARY INSPECTION SERVICE.

The following table shows in a general way the amount and character of the work done by the sanitary inspection service during the fiscal year 1910-11:

Number and character of inspections made by the sanitary inspection service during the fiscal year 1910-11.

| | 1909-10 | 1910-11 |
|----------------------------------|---------|---------|
| Barber shops..... | | |
| Cemeteries..... | 2,404 | 1,641 |
| Hospitals..... | 18 | 24 |
| House to house..... | 20 | 18 |
| Lodging and tenement houses..... | 5,502 | 4,727 |
| Laundries..... | 74 | 213 |
| Nurseries..... | 2,773 | 2,737 |
| Privies..... | | 24 |
| Public baths..... | 2,396 | 2,473 |
| Public buildings..... | 101 | 14 |
| Sewage-disposal systems..... | 165 | 1 |
| Stables..... | 359 | 317 |
| Tailor shops..... | 696 | 1,398 |
| Theaters..... | 421 | 57 |
| Unclassified inspections..... | 92 | 103 |
| | 81,126 | 65,732 |

As the result of the inspections enumerated in the foregoing table, 17,473 nuisances or violations of existing law and regulations were reported. Action was taken to correct all such conditions, and 16,912 were actually corrected. The difference, 561, represents the number of cases for which notices were outstanding at the close of the year.

Prosecutions.—As the result of the operations of the sanitary inspection force, informations were filed in the police court against 267 persons, charging them with violations of the laws and regulations relating to the public health in the District of Columbia, exclusive of the smoke law. These cases resulted as follows: Nolle prosequi entered, 142; dismissed, 11; personal bonds taken, 76; collateral forfeited, 21; fines imposed, 17. The fines and the collaterals forfeited amounted to \$216. The time spent by the inspectors in court amounted to 333 hours, costing the District government approximately \$150. If to the value of the time spent in court by inspectors be added the value of the time given to such cases by these inspectors outside of court but rendered necessary only on account of the prosecution, and the value of the time given to court cases by other employees in the health department, and by employees in the office of the corporation counsel, the police department, and the police court, it will be seen that the District government lost by reason of the prosecution of these cases; the nuisances were, of course, abated; but this should have been done without the expense of prosecution. As practically no case with which the sanitary inspection service has to do is taken into court until after the responsible person has been notified to correct the objectionable condition and has failed to do so, it would seem that the least that might be expected, except in cases in which the defendant has been tried and acquitted, would be the payment of costs of the case. It is recommended that legislation be asked that will require the collection of such costs in all cases in which the defendant is not adjudged not guilty, unless he shows to the satisfaction of the court that he is unable to pay them.

Abatement of nuisances under the assessment system.—The value of the law authorizing the commissioners to abate nuisances and to assess the cost against the property on or from which the nuisance arose has been fully demonstrated during the past year. In 304 cases, in which it was impossible to serve notice on the owners of such property and to bring them into court in event of their failure to comply therewith, notices were served requiring them to abate such nuisances, with the alternative that if they did not do so the commissioners would abate them and would assess the cost of abatement and the cost of procedure against the property. In all but six cases such nuisances were abated by the owners without the necessity of action by the commissioners.

Assignment of contagious-disease work to the sanitary inspection service.—The falling off in the amount of work done by the sanitary inspectors during the past year as compared with the work done during the year preceding, shown by the foregoing table, was due to the necessity that arose for assigning to the sanitary inspectors certain of the work of the department ordinarily done by inspectors in the contagious-disease service. This matter has been discussed in connection with what has been written concerning the contagious-disease service.¹

¹ See p. 21.

The time thus taken from the sanitary inspection service amounted during the year to 2,944 hours, equivalent to 420 working days, or more than working time of one inspector for the entire year. And in order to accomplish even what was accomplished the sanitary inspection force worked during the year 2,160 hours overtime, practically 308 working days, which is more time than is required annually of the average employee of the District government.

Registration of stables, barber shops, and laundries.—With a view to facilitating the inspection of stables, barber shops, and laundries, which require special supervision on account of their close relation to the public health, registers are kept showing their location. The following statement shows the state of each such register at the close of the fiscal year 1910–11:

Registration of stables, barber shops, and laundries during the fiscal year 1910–11.

| | Stables. | Barber shops. | Laundries. |
|---|----------|---------------|------------|
| Registered at beginning of year..... | 1,328 | 432 | 2,765 |
| Registered during the year..... | 114 | 97 | 243 |
| Abandoned during the year..... | | 16 | 251 |
| On the register at the close of the year..... | 1,442 | 513 | 2,757 |

Stables.—One thousand three hundred and ninety-eight inspections of stables were made and 315 nuisances discovered. While the sanitary condition of the stables in the District is constantly improving, much remains to be done before it can be said to be ideal. One of the most important steps that can be taken toward that end is to establish a public service for the collection of stable refuse. Until such a service is established difficulty will always be experienced in maintaining the cleanliness of the stables of the District, and until such cleanliness can be maintained the fly nuisance will continue.

Barber shops.—One thousand six hundred and forty-one inspections of barber shops have been made during the past fiscal year. While inspections have been too infrequent to insure the proper maintenance of these places at all times, yet they have been kept in a fair condition. The type of barber shop that is now established, whenever a new one is opened, is in marked contrast to that of the older establishments and will do much to force the old-fashioned shop to improve or to abandon business.

Laundries.—Two thousand seven hundred and thirty-seven inspections of laundries were made during the year. The term "laundries" is here used to mean not only the more or less pretentious establishment commonly designated by that name, but also every other place where washing is done for hire. This brings into the scope of the register a wide range of places, from the large steam laundry to the alley dwelling or apartment where the mistress takes in washing to earn something to eke out the scant earnings of her husband. The steam laundries of the District are generally in good condition, although observations have shown that the temperature of the water for the washing of the clothing is not always sufficiently high to have the germicidal effect commonly attributed to it. Possibly, however, the ironing process may cure any deficiency with respect to this matter. This feature of the business is being carefully investigated by the

health department with a view to the accumulation of such data as may be necessary for the intelligible formulation of recommendations to correct such objectionable practices, if any, as may be found. The conditions found in connection with the washing of clothes in the homes of the poor in alleys and in other similar places are deserving of serious consideration; but the department has not yet determined what restrictive legislation, if any, can be wisely put into effect. Not only is such work an important factor in enabling the industrious poor to provide for themselves, but in view of the prices charged by the larger laundries service of this character seems necessary to enable persons in moderate circumstances and without facilities for having their washing done at home to have their washing done at all.

Privies.—At the close of the fiscal year there were approximately 2,575 privies registered in the District of Columbia. Of these, 225 were within the city of Washington or in the suburbs immediately adjacent thereto. A systematic effort is being made to keep the number of privies down to the lowest possible figure, the board for the condemnation of insanitary buildings and the sewer division of the engineer department both cooperating with the health department toward that end. In view, however, of the extent of building operations in the suburbs, beyond immediate reach of sewer and water service, there is no appreciable reduction in the number. Two hundred and fourteen privies were abolished under notices served by the health department. Fifty-two were abolished through the operations of the board for the condemnation of insanitary buildings and 16 from other causes. In 33 instances the health department was unable to reach persons responsible for the maintenance of box privies through action looking toward compelling such action by criminal prosecution and referred such cases to the inspector of plumbing, engineer department, for the making of sewer connections under the assessment system. As against the 282 privies thus abolished, however, must stand the new privies licensed, 279. Temporary permits for the temporary maintenance of privies during building operations or other construction work were issued in 61 cases, but the periods covered by such permits were in every instance abbreviated as much as possible.

Smoke inspection.—The following table shows the nature and extent of the operations of the health department under the smoke law during the fiscal year just ended.

Operations under the smoke law during the fiscal year 1910-11, with comparative data for previous years.

| | 1907 | 1908 | 1909 | 1910 | 1911 |
|--|---------|---------|---------|--------|---------|
| Observations..... | | 15,855 | 10,903 | 10,296 | 9,716 |
| Violations of law reported..... | 906 | 1,179 | 1,015 | 1,051 | 1,098 |
| Cases referred to corporation counsel..... | 72 | 103 | 77 | 53 | 147 |
| Cases of fines and forfeitures..... | 64 | 108 | 80 | 45 | 131 |
| Cases of personal bonds taken..... | 2 | | | | |
| Cases that were nolle prossed..... | | 3 | 1 | 2 | 5 |
| Cases that were acquitted..... | 1 | 1 | 1 | 1 | |
| Cases pending..... | 14 | 5 | | 5 | 16 |
| Amounts of fines and forfeitures..... | \$1,615 | \$2,565 | \$1,465 | \$570 | \$1,620 |

It will be observed that while the number of observations is somewhat less than the number made during the previous year, the number of violations detected is somewhat larger and the number of prosecutions and the amount collected in fines and forfeitures are materially increased. The reduction in the number of observations is apparently the direct result of the increase in the number of prosecutions, the time necessarily spent by the inspector in court, 120 hours, equivalent to 17 days, diminishing the amount of time available for the making of observations. The increase in the number of prosecutions is due to the fact that the inspector assigned to the duty of enforcing the smoke law was instructed during the past year to concentrate his attention particularly upon those stacks that were looked upon as giving rise to the greatest amount of unlawful smoke, omitting if necessary observations of stacks with better records. The increase in the amount collected by the police court as fines and as collaterals forfeited is the result of increasing the collateral required and the fines imposed as the number of prosecutions against any one defendant increased. The overtime worked by the smoke inspector during the fiscal year 1910-11 amounted to 22½ hours, or 32 days.

A new feature of the enforcement of the smoke law developed during the year, when, on March 22, 1911, the commissioners instructed the police department to cooperate with the health department in its enforcement. Instructions were issued to the force by the major and superintendent on March 23, 1911, as follows:

1. In order to comply with the action of the board of commissioners at a meeting held on March 22, 1911, when instructions were issued for the police department to cooperate with the health department in the enforcement of the smoke law, you will enlist the members of your command, under proper instructions in conformity with this order, looking to the detection of violators of the smoke law, the making of prompt report of the same to the health officer, and to having them in attendance at court as witnesses to the fact.

2. Members of the force observing violations of the smoke law shall report the same to the health department as promptly as possible, through the commanding officer of their respective precincts, giving their names, method of observation, whether from a building or from the street, the time of violation, duration of violation, and the location of the stack or chimney from which the smoke was emitted, being sure that the particular chimney or smokestack is connected with the furnace of the building which the officer had under observation.

3. Acting upon information thus received from the commanding officer of any precinct, the health officer will send to the assistant corporation counsel on duty at the police court a communication requesting that proceedings be instituted against the owner or occupant of the premises offending, and an inspector of the health department will swear out an information on information and belief, naming as witness or witnesses the member or members of the police force who made the observation of the violation of the law. The health department will supply, at the time of trial, a representative who will appear to establish the fact of ownership or occupancy of the property or properties. After warrant has been issued, the case will take the usual course of police court procedure.

4. For your information, the health department affords the following data regarding the matter at issue:

- (a) The law for the prevention of smoke does not fix any measure of time during which unlawful smoke may be emitted; any emission whatsoever of dense or thick black or gray smoke from any smokestack or chimney used in connection with any stationary engine, steam boiler, or furnace of any description is unlawful. In administering the law, however, prosecutions have been brought for emissions lasting one minute or more, but for no briefer emissions unless such briefer emissions were of such frequency as to indicate an effort to evade the smoke law rather than to comply with it, or unless they constituted a nuisance in fact.

- (b) The smoke that is forbidden by law is "dense or thick black or gray smoke or cinders." Practically all smoke in the District of Columbia is gray or black, and the

only question that is liable to arise is as to whether it is or is not dense or thick. In practice, smoke has been regarded as dense or thick whenever objects were not visible beyond it or looking through it at its shortest dimension; that is, if in looking across smoke as it escapes from the stack or chimney (as distinguished from looking down the column of smoke as it flows directly toward or away from the observer) it is impossible to distinguish cloud lines or the lines of any building or tree or flagstaff or any similar object, then the smoke has been regarded as dense or thick; if, however, the outlines of any of the objects enumerated or of any other objects can be distinguished through a cross section of the smoke, then the smoke has not been regarded as dense or thick within the meaning of the law.

(c) No distance can be described from which observations may be made. Distance, however, must not be so great as to give rise to any doubt as to the accuracy of the observations.

(d) In order to testify intelligently in any case, it is necessary for the witness to note the exact time when the observation is made, the time when the unlawful smoke begins to escape from the stack or chimney, and when it ceases to escape, the location of the observer, and the location of the stack.

(e) The smoke law is applicable to practically all buildings in the District, except private residences and lime kilns. Apartment houses are not private residences within the meaning of the law.

5. In order that compliance may be had with the order of the commissioners, you will take up this matter without delay, and have such observations made by members of your force as will conform to the interpretation of laws set forth herein by the health department, and further proceed as directed by the major and superintendent to the end that all violations coming within the law may be brought to the attention of the health officer and the court.

As the results of these instructions, seven prosecutions for violations of the smoke law were instituted on the basis of evidence furnished by police officers. In one case the defendant forfeited collateral. But when the next case came to trial the defendant alleged that the health officer was without authority to prosecute for the violation of the smoke law except upon evidence furnished by inspectors in the service of the health department. The court took the case under advisement, and it had not been decided at the close of the year covered by this report. Action upon the remaining cases instituted upon the basis of information furnished by the police was, therefore, suspended pending action by the court.¹

In order to determine the extent to which prosecutions under the smoke law depended upon the keenness of vision and the personal judgment of the smoke inspector, a number of observations were made during the past year, in which three inspectors independently of one another observed the same stack at the same time, the results of such observations being subsequently tabulated and charted. A study of the 32 instances in which such observations were made fails to disclose any reason for believing that the personal equation plays any material part in the enforcement of the smoke law, or that any injustice has been done any one by reason of the personal judgment of the smoke inspectors who have been detailed from time to time to its enforcement.

Weeds.—Previous recommendations for the modification or repeal of the weed law, or as an alternative an appropriation for its substantial enforcement, are renewed. If the law in its present form is worthy of enforcement, money ought to be appropriated for that purpose. If it is not worthy of enforcement, it ought to be made so, or else repealed.

¹ On Nov. 11, 1911, the police court decided in favor of the right of the health officer to prosecute upon the basis of information furnished by the police, and fined the defendant \$10. The other cases in which this question arose have been disposed of by the forfeiting of \$10 collateral in each case.

THE POUND SERVICE.

The following statement shows the work of the pound service during the period covered by this report. A table showing further details with respect to the work of the poundmaster is printed in the appendix.

Number and kinds of animals at the pound during the fiscal year 1910-11, with certain data pertaining thereto, and corresponding figures for the preceding year.

| | 1909-10 | 1910-11 |
|---|---------|---------|
| Dogs: | | |
| Captured..... | 3,061 | 3,333 |
| Untagged..... | 3,061 | 2,497 |
| Unmuzzled, but tagged..... | | 836 |
| Redeemed..... | 555 | 855 |
| Fees collected..... | \$1,110 | \$1,710 |
| Returned without fees..... | 4 | 7 |
| Killed..... | 4,403 | 4,454 |
| Surrendered by and killed by request of owners..... | 1,868 | 2,199 |
| Cats killed at request of owners..... | 1,429 | 1,275 |
| Horses: | | |
| Captured..... | 12 | 11 |
| Redeemed..... | 11 | 11 |
| Fees collected..... | \$22 | \$22 |
| Sold..... | 1 | |
| Realized from sale..... | \$7.60 | |
| Mules: | | |
| Captured..... | 4 | 1 |
| Redeemed..... | 4 | 1 |
| Fees collected..... | \$8 | \$2 |
| Cows: | | |
| Captured..... | 4 | 9 |
| Redeemed..... | 4 | 9 |
| Fees collected..... | \$8 | \$18 |
| Goats: | | |
| Captured..... | 8 | 5 |
| Redeemed..... | 8 | 5 |
| Fees collected..... | \$4 | \$10 |

The District appropriation act of March 2, 1911, provided for the construction of a pound and stable for the health department on public space owned or controlled by the District adjacent to the James Creek Canal. It will be a relief to all concerned to have substantial quarters for the pound in place of the frame structure erected as a temporary pound almost 40 years ago, and now in a state of decay, and the operation of the pound and stable as a single establishment will make for efficiency and economy.

CONTAGIOUS DISEASES OF ANIMALS.

Rabies.—The following statement shows the prevalence of rabies in the District of Columbia during the period covered by this report:

Prevalence of rabies in the District of Columbia during the fiscal year 1910-11, with certain data relative thereto.

| Fiscal year 1910-11. | Dogs reported to health department as rabid or suspected of being rabid. | Other animals reported as rabid or suspected of being rabid. | Diagnosis of rabies confirmed by post-mortem findings of the Bureau of Animal Industry. | | | | Persons bitten by dogs rabid or suspected of being rabid. | Domestic animals bitten by dogs rabid or suspected of being rabid. | Persons bitten by dogs known to be rabid, as shown by post-mortem findings of the Bureau of Animal Industry. |
|-------------------------|--|--|---|-------|--------|------|---|--|--|
| | | | Dogs. | Cats. | Horse. | Cow. | | | |
| July..... | 11 | | 4 | | | | 17 | | 10 |
| August..... | 24 | 2 | 23 | 1 | | | 9 | 4 | 8 |
| September..... | 4 | | 2 | | | | 4 | | 2 |
| October..... | 13 | 2 | 12 | | | 1 | 8 | | 7 |
| November..... | 10 | 1 | 9 | 1 | | | 3 | 6 | 1 |
| December..... | 5 | 1 | 5 | | 1 | | 3 | 4 | 3 |
| January..... | 4 | 1 | 3 | | | | 3 | 1 | 3 |
| February..... | 5 | | 55 | | | | 2 | 3 | 2 |
| March..... | 4 | | | | | | 1 | | 1 |
| April..... | 11 | | 9 | | | | 3 | 9 | 3 |
| May..... | 8 | | 6 | | | | 7 | 1 | 6 |
| June..... | 6 | | 6 | | | | 6 | 2 | 6 |
| Total.... | 105 | 7 | 54 | 2 | 1 | 1 | 66 | 30 | 52 |

In view of the prevalence of rabies among dogs during the early part of the calendar year 1910, the commissioners, on August 4, 1910, issued a proclamation requiring every dog within the District of Columbia to be muzzled during the period of 12 months next ensuing after August 11, 1910. From the time when the requirements of the proclamation became effective up to the end of the fiscal year the poundmaster impounded 836 dogs, tagged, but going at large without muzzles. Moreover, the police prosecuted a number of owners of dogs for allowing them to run at large unmuzzled. Probably the activity of the poundmaster and of the police tended to check the spread of rabies in the District, and certainly there has been a reduction in the number of dogs running at large. The foregoing tables, however, do not show that their efforts were attended with that degree of success that might be hoped for, although attended possibly with as much success as could be expected. The poundmaster and the laborers at his command have their time fully occupied even under normal conditions by their efforts to enforce the laws and regulations governing the running at large of dogs and other domestic animals. If, then, the scope of their work is increased, logically the working force should be increased proportionately, and in the absence of any such increase no considerable degree of efficiency can be expected in the execution of the added work, or such efficiency as is attained can be had only at the expense of efficiency in the discharge of routine duties. As no provision was made for increasing the working force in the pound service when the muzzling proclamation was issued, it was not to be expected that the requirements of that proclamation could be rigidly enforced by the poundmaster. It is recommended, therefore, that provision be made for increasing the pound force now and at all other times when the muzzling of dogs is made compulsory.

No matter how large the pound force is, however, it will be impossible to prevent dogs running at large unmuzzled after dark if muzzled

dogs are allowed to run at large at that time. The poundmen, while prepared to impound a dog, can not before taking action approach closely enough to determine whether he is or is not muzzled. The only remedy for this condition, and it seems to be a perfectly proper one, is to forbid all dogs from running at large after twilight and until daylight has returned. Such a law would be effective, because it would enable the poundmen to impound any dog found at large after dark, whether muzzled or unmuzzled. It would work no hardship, since a dog, if kept as a watchdog, should be on his master's premises after dark, and if kept as a pet he should be kept home for his own protection. The proposed law would not interfere with those who desire to take their dogs out for exercise after dark, since such persons could readily do so by keeping their dogs on leash. The enactment of legislation to accomplish this end is recommended.

Hog cholera.—During the month of November, 1910, there was an outbreak of hog cholera among hogs kept at the United States jail. Several died and were deeply buried. The balance was slaughtered under the inspection of officials of the United States Bureau of Animal Industry and the pens and surroundings thoroughly disinfected. No other cases were reported during the year and the source of the infection of this outbreak was not discovered.

Glanders.—An outbreak of glanders began in the autumn of 1910 in a livery stable in the northwest section of the city. All horses in this stable were examined by officials of the United States Bureau of Animal Industry, and 13 were found to be glandered and were destroyed. As 2 cases occurred in a neighboring stable, used by a branch of the District government, all horses there, and practically all other horses belonging to the District government, were examined, and 3 additional cases found. All examinations were made by means of the complement-fixation test, but upon post-mortem examination each animal which gave a positive reaction showed characteristic lesions of glanders. Owing to the unusual prevalence of the disease, the veterinary inspectors of the health department kept the horse markets under close observation. Nearly 3,000 animals were examined in these markets, and the failure to find a single case of glanders among them indicates that the outbreak mentioned above was localized, and that probably all infected animals were destroyed.

REGISTRATION OF PHYSICIANS, DENTISTS, MIDWIVES, AND UNDERTAKERS.

The following statement shows the number of physicians, dentists, midwives, and undertakers registered during the year.

Registration of physicians, dentists, midwives, and undertakers during the fiscal year 1910-11.

| | On register July 1, 1910. | Registered during year. | Known deaths during year. | On register June 30, 1911. |
|------------------|---------------------------------|-------------------------------|------------------------------------|----------------------------------|
| Physicians..... | 1,608 | 151 | 14 | 1,645 |
| Undertakers..... | 200 | 10 | 3 | 207 |
| Dentists..... | 678 | 19 | ..... | 697 |
| Midwives..... | 94 | 2 | 2 | 94 |

¹ Physicians' licenses, series A, 2; series B, 3; series C, 32; Navy, 11; Army, 2; Marine-Hospital Service, 1.

The figures showing the number of physicians, dentists, midwives, and undertakers on the register at the close of the year do not indicate that that number of persons of each class was actively engaged in the pursuit of his or her vocation in the District of Columbia at the time stated. Many persons after registration leave the District without ever reporting their departure, and some of them die while away without the department ever becoming aware of their deaths. The figures referred to are in excess, therefore, of the corresponding figures to show the number of physicians, dentists, midwives, and undertakers actually at work in the District.

Midwives.—What to do with the midwife is a question that is being discussed in many parts of the United States at the present time. The old granny is generally looked upon, and very rightly looked upon, as a menace to the health of those whom she attends. But she is with us, and no satisfactory way has been discovered by which to get rid of her. Unfortunately, too, courses for the proper training of midwives have not yet been established in connection with our lying-in hospitals, and the field does not seem to be an inviting one for the trained nurse. It is hardly practicable, however, for women in poor circumstances who desire to be confined in their homes to pay for the services of an attending physician and of a nurse, too, and as the attending physician can not act as nurse, the only alternative seems to be for the nurse to act as attending physician, in which case it is essential, of course, that the nurses be properly trained. The general policy is that of drifting until something appears to show what it is best to do.

The District of Columbia is not as unfortunately situated as are most communities with respect to this matter, for the medical-practice act of 1896 forbade the further registration of midwives except upon the basis of certificates issued by the board of medical supervisors after examination. It provided, however, for the reregistration, without examination, of midwives whose names had already been recorded, and about 40 or 50 of these still survive. Those who have been registered for the first time since the date stated are of a different type, but it can hardly be said that they generally have received the training essential for the proper discharge of the duties that they are undertaking to perform. The health department has been endeavoring during the past year to interest and instruct all of these midwives by having them meet from time to time and discussing with them modern methods of midwifery, and it is believed that there has been an improvement in the general morale. A few, however, are obstinate, the dirtier and more ignorant they are the more obstinate, and the law should make some provisions for forbidding them definitely from practicing midwifery.

TRANSCRIPTS FROM RECORDS.

The table below shows the number of transcripts issued during the year, from the records of births, deaths, and marriages in the custody of the health department. From the issue of such transcripts the District derived a revenue amounting to \$452.

Number and kinds of transcripts issued by the health department during the fiscal year 1910-11, from the records of births, deaths, and marriages.

| Transcripts of records. | Deaths. | Births. | Marriages. | Total. |
|---|---------|---------|------------|--------|
| Issued without fee to— | | | | |
| Commissioner of Pensions..... | 59 | 13 | 1 | 73 |
| Superintendent of police, District of Columbia..... | 9 | | | 9 |
| Adjutant General, United States Army..... | 6 | | | 6 |
| Industrial Home School..... | 1 | | | 1 |
| Total without fee..... | 75 | 13 | 1 | 89 |
| Issued with fee..... | 776 | 118 | 10 | 904 |
| Total..... | 851 | 131 | 11 | 993 |

LEGISLATION.

No general legislation pertaining to public health in the District of Columbia was enacted by Congress during the year, unless the provision in the District appropriation bill of March 2, 1911, toward the reclamation and development of the Anacostia River and Flats, from the Anacostia Bridge northeast to the District line, can be so regarded. But whether this can or can not be regarded as general legislation, there can be no doubt as to its importance from the standpoint of sanitation and that it will ultimately relieve a considerable portion of the District from a pest of mosquitoes, with its logical consequences.

The only regulations of any substantial importance in their relation to public health promulgated by the commissioners during the year were those promulgated November 5, 1910, amending the regulations of July 31, 1897, for the government of dairies and dairy farms and those for the prevention of the spread of infantile paralysis, promulgated May 3, 1911. The regulations relating to infantile paralysis have been made the subject of comment in discussing the prevalence of communicable diseases, and are printed at length in the appendix.¹ Those relating to the milk supply are set forth and discussed when considering that subject.²

On January 31, 1911, the commissioners revoked sections 10 and 11 of an ordinance to prevent the sale of unwholesome food and the distribution of medicinal and poisonous substances in the District of Columbia, but as the substance of these sections had already been incorporated in an act of Congress, their revocation was more or less a formal matter and of no material importance.

ORGANIZATION.

Much attention has been given during recent years to the details of the organization of the health department. The outline given below shows the ground plan of the existing organization and the lines along which it is hoped that the department will grow.

¹ See p. 92.

² See p. 26.

PLAN OF ORGANIZATION OF THE HEALTH DEPARTMENT OF THE DISTRICT OF COLUMBIA.

Supervision.

Health officer.

Assistant health officer.

I. Clerical service.

A. Correspondence and files.

1. Incoming mail.
2. Outgoing mail.
3. Files.

B. Permits and complaints. (This refers only to burial permits and oral complaints.)

C. Registration of vital statistics.

1. Recording births and deaths.
2. Tabulating and analyzing vital statistics, births, diseases, and deaths.
3. Publicity, weekly and monthly reports.

II. Sanitary-inspection service.

A. General sanitary or nuisance work.

B. Smoke inspection.

C. Special details, as for laundries, etc.

III. Food-inspection service.

A. Sanitary inspection of places where food is produced for sale or sold.

1. Dairy farms.
2. Dairies.
3. Eating places, etc.
4. Markets, etc.

B. Inspection of food.

1. Inspection and summary condemnation.
2. Collection of samples.

(a) Chemical.

(b) Bacterial.

3. Analysis of samples.

(a) Chemical.

(b) Bacterial.

IV. Contagious-disease service.

A. Recording, and notifying and instructing by mail.

B. Placarding and investigating.

C. Diagnosis (bacteriological laboratory).

D. Disinfecting.

E. Hospitals.

1. Ambulance service.
2. Quarantine station.
3. Smallpox hospital.
4. Leper's home.
5. Isolating ward, Garfield Memorial Hospital.
6. Isolating ward, Providence Hospital.

F. Disposal of dead (crematorium).

G. Inspection of schools.

1. Medical.

2. Dental.

V. Contagious diseases of animals.

A. Pound service.

An effort has been made, too, to correlate the cost of the department to the proximate results of its work. The ultimate results of such work—the sickness and inefficiency prevented, the lives prolonged and possibly saved, and the sum added to human happiness—may some day be taken account of, and some statistician may undertake to determine whether each dollar spent has yielded the largest possible return. But for the present the department would be satisfied if it could determine with reasonable accuracy the amount properly chargeable as the cost of each item of actual work, each case of scarlet fever reported, each death registered, each

complaint filed, each inspection made, and so on. And if it could fix with mathematical certainty the amount of work that should be required daily of each employee under varying conditions, instead of having to estimate the sufficiency of the service largely by computing the number of hours served, as it must do at present, a substantial advance would have been made in the satisfactory administration of the health department. The tables that have been published from year to year show what has been accomplished and a corresponding table is printed in this volume.¹ While the analysis is becoming more satisfactory, it does not yet meet all requirements of the situation.

What has been said, however, must not be regarded as reflecting in any way on the efficiency of the officers and employees of the health department. They will compare favorably, I believe, with any other group of men similarly situated, in intelligence, industry, and integrity. And if in some cases there seems to be a lack of anything more than a purely official interest in the aims and purposes of the department, it is a fault probably not limited to employees in the service of the health department, and is one that must not be judged too harshly, so long as the employee has no assured tenure of office, and in event of disability, even though it may be incurred in the discharge of duty, may be turned out to subsist on charity or to eke out a living as best he may.

Respectfully,

WM. C. WOODWARD, M. D.,
Health Officer.

The honorable COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

¹ See pages 84 to 88.

APPENDIXES

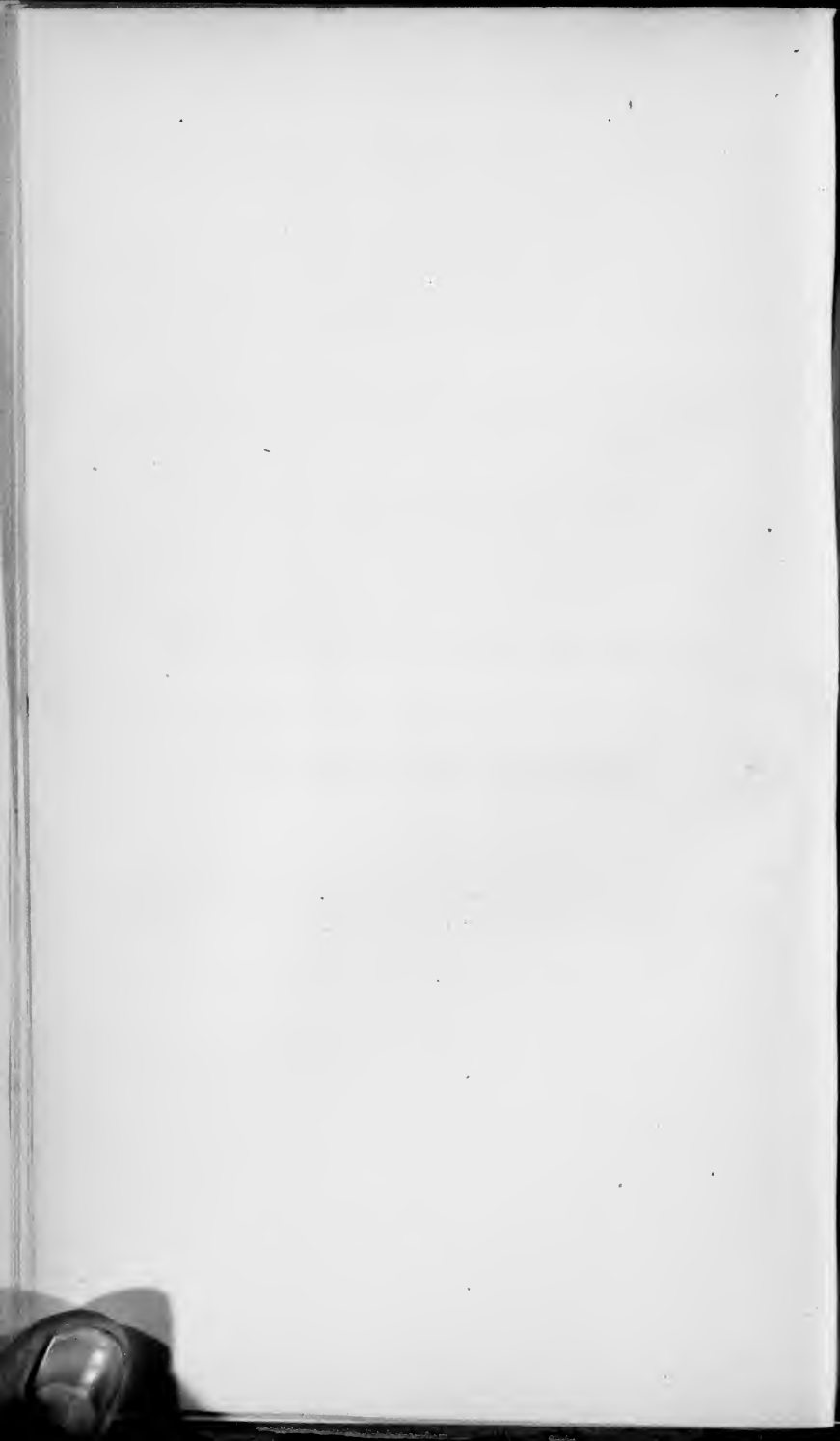
TO THE

REPORT OF THE HEALTH OFFICER

OF THE

DISTRICT OF COLUMBIA.

The publication of these reports as appendixes to the report of the health officer is not to be construed to mean that the opinions and recommendations set forth in them have been adopted by the health department.



APPENDIX A.

REPORT OF INSPECTOR IN CHARGE OF CONTAGIOUS DISEASE SERVICE.

WASHINGTON, *December 11, 1911.*

WM. C. WOODWARD, M. D.

Health Officer, District of Columbia.

SIR: I have the honor to submit the following report for the fiscal year ended June 30, 1911, of work done in the contagious disease service, the disinfecting service, the public crematorium, and the medical inspection of public schools.

COMMUNICABLE DISEASES.

During the calendar year of 1910, there was an increase in the number of reported cases of scarlet fever, smallpox, chicken pox, and whooping cough, and a decrease in the number of cases of diphtheria, typhoid fever, measles, epidemic cerebrospinal meningitis, and tuberculosis.

Diphtheria.—For detailed statistical information relative to diphtheria, see tables on pages 55 and 56.

Three outbreaks of diphtheria occurred in public institutions during the year, distributed as follows: Salvation Army Home, 339 C Street NW., 7 cases; National Training School for Boys, 8 cases; and the Girl's Reform School, 16 cases. The cases were of a mild type and no fatalities occurred. By prompt action on the part of the health department, with the cooperation of the persons in charge of the several institutions named, the outbreaks were speedily suppressed.

From January 1 to June 30, 1911, 257 cases of diphtheria were reported, of which 218 were white and 39 colored. During the corresponding period of last year 215 cases were reported, showing an increase for the present year of 42 cases. While these figures show an increase in the number of cases reported between January 1 and June 30, 1911, the number of fatalities decreased from 19 in 1910 to 13 in 1911.

During the calendar year 1910, 2,725 throat cultures were submitted to the health department to determine the presence or absence of the diphtheria germ. Of the 1,743 primary cultures, 351, or 20.1 per cent were positive, and 1,392 negative.

Scarlet fever.—The outbreak of scarlet fever which began in the latter part of October, 1909, continued until May, 1910. Because of this outbreak, the figures for the year ending December 31, 1910, show an increase over the previous year. For general statistical data relative to scarlet fever, see tables on pages 56 and 57.

During the period from January 1 to June 30, 1911, 179 cases of scarlet fever were reported, showing a decrease of 689 cases as com-

Smallpox.—For detailed statistical information, concerning smallpox, see tables on pages 59 and 60.

The smallpox hospital was open 262 days, between January 1 and December 31, 1910, the total number of patients being 96, and the total number of patient days being 1,450. The average number patients per day during quarantine period was 5.5 and for the year 4. The average of days per patient for the quarantine period was 15.1.

The quarantine station was open 155 days between January 1 and December 31, 1910. During this period 127 persons were admitted; the total number of inmate days being 1,580. The average number of inmates per day for the quarantine period was 10.2 and for the year 4.3. The average number of days per inmate for the quarantine period was 12.4.

The following table shows the vaccination history claimed by patients treated at the smallpox hospitals:

| | |
|--|----|
| Never vaccinated..... | 27 |
| Never successfully vaccinated..... | 44 |
| Never vaccinated until after exposure to smallpox..... | 16 |
| Vaccinated "in childhood" (no scar)..... | 1 |
| Vaccinated 9 years ago (poor scar)..... | 1 |
| Vaccinated 10 years ago..... | 2 |
| Vaccinated 11 years ago (poor scar)..... | 1 |
| Vaccinated 13 years ago (no scar)..... | 1 |
| Vaccinated 20 years ago (no scar)..... | 1 |
| Vaccinated 30 years ago (no scar)..... | 1 |
| Vaccinated 35 years ago (poor scar)..... | 1 |

96

From January 1 to June 30, 1911, 31 cases of smallpox were reported, a very marked decrease over the corresponding period of last year. There were no fatal cases reported.

The exterior of the smallpox hospitals and the administration building has been painted, and the heating plant at these institutions has been changed so that the difficulty of heating has now been removed; the quarantine station also has been painted. All of these buildings are now in good condition.

Measles.—For detailed statistical information relating to measles, see the tables on pages 57 and 58.

The outbreak of measles which occurred in 1909 having subsided, the calendar year 1910 showed a great improvement so far as this disease was concerned.

In March, 1911, however, another epidemic began, reaching its maximum in May. As a result of this second epidemic, there was reported between January 1 and June 30, 1911, 3,181 cases, with 20 deaths. During the month of May, 1911, an outbreak of measles occurred in one of the infant asylums. The health department was not aware of the condition existing in the institution until five certificates of death from measles were received from said institution, the cases not having been reported by the asylum authorities or the visiting physician. Investigation showed that there was about 25 children sick with measles and no attempt made to isolate the sick from the well. Prosecution was instituted by the health department, with the result that the visiting physician was fined \$5 for not reporting the cases and the sister in charge of the institution, \$25 for failing to isolate the patients. During this outbreak, 27 cases were reported, with 7 deaths.

Whooping cough.—For detailed statistical information concerning whooping cough, see the tables on page 58.

Between January 1 and June 30, 1911, 337 cases of whooping cough were reported, with 14 fatalities as against 418 cases with 16 deaths for the corresponding period of last year.

Chicken pox.—For detailed statistical information concerning chicken pox, see tables on page 59.

One death from chicken pox was reported in February, 1910. This patient, an infant, was reported to the health department as a suspected case of smallpox, and was examined by one of the inspectors in the contagious disease service. The case was reported as not being one of smallpox but as apparently a case of severe dermatitis of unknown origin. The child died a few days later. The death was certified on the death certificate by the attending physician as "chicken pox" and charged on the death record accordingly. The above statement is made in view of the extremely rare occurrence of death from chicken pox.

During the first six months of the calendar year 1911, 400 cases of chicken pox were reported as against 527 cases for the corresponding period of last year. These figures show a decrease over the previous year of 127. There were no deaths.

Epidemic cerebro-spinal meningitis.—For detailed statistical information concerning epidemic cerebro-spinal meningitis, see tables on page 60.

Between January 1 and June 30, 1911, six cases were reported, with two deaths, an increase over the corresponding period of last year of five cases.

Tuberculosis.—Detailed statistical data relative to tuberculosis appear in tables on page 63.

Precaution to prevent the spread of tuberculosis are more generally and closely followed by the public than ever before. One of the greatest difficulties the department has to contend with, however, is the moving about from one place to another, of patients suffering from tuberculosis, without such removal being reported until, in some cases, for months afterwards. An effort is being made to follow up these cases of removal and to disinfect the premises vacated at the earliest moment possible.

From January 1 to June 30, 1911, 666 cases of tuberculosis were reported, against 708 reported during the first six months of 1910.

During the calendar year, 1910, 1,150 specimens of sputum were examined to determine the presence of the tubercle bacilli, 325 of which, equivalent to 28.3 per cent, were found to contain the bacilli.

Leprosy.—The District of Columbia has again within its borders a leper.¹ The patient, a Filipino, 21 years of age, and belonging to the Ilocano Tribe, in the northern part of the island of Luzon, Philippine Islands, was brought to the United States as a domestic. He arrived in San Francisco about February 16, 1910, remaining in that city until coming to Washington in the fall of the same year. About the middle of January, 1911, he was sent to the United States Naval Dispensary for examination and treatment of the "red spot" on the right cheek, starting at the corner of the mouth and extending just

¹ This patient was returned to the Philippine Islands Sept. 9, 1911.

beneath the right eye. A culture was then taken by the naval surgeons from the mucous membrane of the nose and the lepra bacilli was found therein, and the case reported to the health department as one of leprosy, and given over to the care of the District. Several specimens have been taken from this patient by the health department and all the specimens found to contain numbers of the lepra bacilli. Ever since the report of his case, the patient has been isolated in the house formerly occupied by another leper. As this man's home is in the Philippine Islands, efforts are being made to return him to his home.

Glanders.—On May 8, 1911, a case of glanders was reported to the health department. The patient, a white man, 53 years of age, had a few days previously arrived in Washington from his home on a farm near Tacketts Mills, Va. He gave the following history: "Was taken sick May 5, 1911, with fever, headache, pain in the right side of abdomen, eyes sore; pustule appeared on nose at junction with forehead." When seen by representatives of the health department, the patient's temperature was about 102°, pulse rapid, great tumefaction of both eyelids, a purulent conjunctivitis, the swelling of eyes being so great for a time as to render it impossible to separate the lids so that an examination could be made. There was a keratitis of both eyes, two pustules on nose, one on right side of forehead, one on the cheek, back of neck, and leg. The pustules varied in size from a good sized pea to a quarter of a dollar. There was one on the end of nose extending into the nostril. This patient was removed to the quarantine station and treated by opening the pustules and applying compresses wet with solution of mercury bichloride 1 to 2,000. The ulcerating surfaces were also occasionally touched with pure carbolic acid. Later on in the attack, the patient suffered several hemorrhages from the nose and throat. One of these attacks was quite severe, and a considerable quantity of blood was lost. These hemorrhages appeared to be due to an ulcer in the posterior nares, and was treated with sprays of a solution of adrenalin chloride and by plugging the nostrils with cotton saturated with the same solution. The eyes were treated with cold compresses and a 25 per cent solution of argyrol. Under the treatment above described the patient made steady improvement, both as to the skin lesions and also the eyes. He was discharged as cured on June 11, 1911, at which time the skin had regained its normal condition. There was, however, still some keratitis, and for this condition the patient immediately placed himself in the care of a specialist. The department is indebted to Dr. D. K. Shute for his courteous assistance in looking after the eyes of this patient.

ISOLATING WARDS.

The following tables show the number of patients treated at Garfield Memorial and Providence Hospitals and the diseases for which said patients were treated, together with the total number of patient days during the fiscal year 1910-11.

GARFIELD HOSPITAL.

| Diseases. | Cases. | Patient days. | Average duration. |
|---|--------|---------------|-------------------|
| FREE CASES. | | | |
| Scarlet fever..... | 39 | 1,816 | 46.6 |
| Scarlet fever suspect..... | 5 | 46 | 9.2 |
| Erysipelas..... | 23 | 534 | 23.2 |
| Erysipelas suspect..... | 1 | 7 | 7.0 |
| Measles..... | 66 | 1,373 | 20.8 |
| Measles suspect..... | 1 | 2 | 2.0 |
| Whooping cough..... | 7 | 242 | 34.6 |
| Whooping cough suspect..... | 2 | 33 | 16.5 |
| Chickenpox..... | 6 | 126 | 21.0 |
| Epidemic cerebro-spinal meningitis..... | 1 | 24 | 24.0 |
| Total..... | 151 | 4,203 | 27.8 |
| PAY CASES. | | | |
| Diphtheria suspect..... | 1 | 2 | 2.0 |
| Scarlet fever..... | 30 | 1,081 | 36.0 |
| Erysipelas..... | 9 | 98 | 10.9 |
| Measles..... | 14 | 215 | 15.4 |
| Chickenpox..... | 2 | 21 | 10.5 |
| Total..... | 56 | 1,417 | 25.5 |

PROVIDENCE HOSPITAL.

| | | | |
|----------------------------|-----|-------|------|
| FREE CASES. | | | |
| Diphtheria..... | 95 | 1,023 | 10.8 |
| Diphtheria suspect..... | 30 | 101 | 3.4 |
| Scarlet fever suspect..... | 1 | 7 | 7.0 |
| Total..... | 126 | 1,131 | 9.0 |
| PAY CASES. | | | |
| Diphtheria..... | 33 | 450 | 13.6 |
| Diphtheria suspect..... | 4 | 33 | 8.2 |
| Total..... | 37 | 483 | 13.0 |

DISINFECTING SERVICE.

The work of the disinfecting service was increased during the year just closed. Two thousand four hundred and ninety-six premises were disinfected between January 1 and December 31, 1910, while during the preceding year there was a total of 2,094. This increase was due mostly to tuberculosis. The total number of premises disinfected for tuberculosis was 1,039 for the calendar year 1910, against 896 for the year 1909. The following table shows the diseases for which the disinfection was done:

| | | | |
|---|-------|--------------------------|-------|
| Diphtheria..... | 367 | Infantile paralysis..... | 2 |
| Scarlet fever..... | 988 | Chickenpox..... | 2 |
| Smallpox..... | 85 | Erysipelas..... | 1 |
| Tuberculosis..... | 1,046 | Miscellaneous..... | 1 |
| Epidemic cerebro spinal meningitis..... | 3 | Total..... | 2,496 |
| Typhoid fever..... | 1 | | |

Two thousand four hundred and fifty-two test cultures were examined during the calendar year 1910 to determine the efficiency of the disinfection. In 2,393, or 97.6 per cent, of the cultures examined the organisms were killed. The following articles were disinfected at the disinfecting station:

Number and causes of exclusions from school on account of the health of the pupil—Con.

| Cause. | 1906-7 | | 1907-8 | | 1908-9 | | 1909-10 | | 1910-11 | |
|---|--------|----------|--------|----------|--------|----------|---------|----------|---------|----------|
| | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. |
| Epidemic cerebro-spinal meningitis..... | | | | | 3 | | | | | |
| Eruptive disease..... | 1 | | 1 | | 2 | | 1 | | 1 | |
| Erysipelas, facial..... | | | 1 | | | | | 1 | | |
| Erythema..... | | 5 | | | 2 | | | | | |
| Eye contused wound..... | | | | | | | | | | 1 |
| Eye strain..... | | 1 | | | | | | | | |
| Enteritis..... | 9 | 1 | | | | | | | | |
| Felricula..... | 1 | | 9 | 3 | 6 | 3 | 3 | | 5 | 3 |
| Foreign body swallowed..... | | | | | | 1 | | | | |
| Gastralgia..... | | 1 | | | | | | | | |
| Gastritis, acute..... | 1 | 1 | 1 | 4 | | | 1 | 1 | | |
| Gastropathy..... | | | | | | | | | 1 | |
| Granular eyelids..... | | | | | | | 1 | | | |
| Grippe..... | 1 | 3 | 2 | 2 | 1 | 1 | 1 | | 1 | |
| Headache..... | | | | | 2 | 1 | 1 | | | |
| Herpes..... | 1 | | | | 1 | 1 | 1 | | | |
| Heart, irritable..... | | 1 | | | | | | | | |
| Hypertrophic rhinitis..... | | | | | 1 | | | | | |
| Hysteria..... | | | | 1 | | | | | | |
| Hysterical hemiplegia..... | | | | | | | 1 | | | |
| Impetigo..... | 6 | | 5 | 2 | 15 | 1 | 12 | | 6 | |
| Contagious..... | 29 | 6 | 16 | 3 | 18 | 5 | 22 | 1 | 34 | |
| And otitis..... | | | | | | | 1 | | | |
| And pediculosis capitis..... | | | | | | | 1 | | | |
| And tinea circinata..... | | | | | 1 | | | | | |
| And scabies..... | | | | | 1 | | | | | |
| Indigestion..... | | 1 | | | 1 | | | | | |
| Acute..... | | | | | 1 | 8 | | 1 | 1 | |
| Injury to arm..... | | | | | | | | | 1 | |
| Intestinal colic..... | | | | | | | 2 | | 1 | |
| Iritis..... | 2 | | 1 | | | | 1 | | | |
| Keratitis..... | | 6 | 6 | 2 | | 1 | | | | 1 |
| Keratitis and trachoma..... | | | | | | | | | | |
| Laryngitis..... | 2 | | | | | | 1 | | | |
| Laryngitis and tonsillitis..... | | | | | | | | | | 1 |
| Lacerated wound of face..... | | | | | | | 1 | | | |
| Lumbago..... | | | | | | | | 1 | | |
| Lymphangitis..... | | | | | | | | 1 | | |
| Malaria..... | 5 | 6 | 2 | 1 | | | | | 1 | |
| Measles..... | 8 | 4 | 40 | 40 | 47 | 33 | 4 | 15 | 10 | 2 |
| Suspected..... | | | | | | | | 3 | 1 | 10 |
| Exposure to..... | 6 | | 32 | 7 | 103 | 6 | 1 | 5 | 15 | 21 |
| Measles, German..... | | 2 | 27 | 8 | 4 | 1 | 12 | | | |
| Meibomian cysts..... | | | | | | 1 | | | | |
| Membrane on throat..... | | | | | | | 1 | | | |
| Migraine..... | | | | | | 6 | | 1 | | 1 |
| Miliaria rubra..... | | | | | | 1 | | | | |
| Mumps..... | 129 | 8 | 98 | 15 | 19 | 2 | 44 | 9 | 59 | 17 |
| Mumps, suspected..... | | | | | | | | | | 1 |
| Myalgia..... | | | | | | | | 1 | | |
| Myopia..... | | 1 | | | | | | | | |
| Nasal catarrh..... | | 1 | | | | | | | 2 | |
| Otitis..... | | | | | 1 | | 1 | | 2 | |
| Acute..... | | | | | | | | | | |
| Suppurative..... | 1 | 1 | | | | 1 | | | | |
| Media..... | | | 2 | | | | | | | |
| Media suppurative..... | | | | | 1 | 1 | 1 | 1 | | |
| Otorrhea..... | | | | | | | 1 | | | |
| Parotid enlargement, recurrent..... | | | | | | | | | | 1 |
| Pediculosis..... | | | | | | | | | 1 | |
| Capitis..... | 132 | 12 | 337 | 5 | 9 | 3 | 34 | 12 | | |
| Capitis and blepharitis marginalis..... | | | | | 208 | 8 | 265 | 1 | 253 | 32 |
| Capitis and conjunctivitis..... | | | | | 1 | | | | | |
| Capitis and eczema..... | | 1 | | | 1 | | 1 | | | |
| Capitis and tinea circinata..... | | | | | | | | | | |
| Coporis..... | | 1 | | | 2 | | | | 1 | |
| And ichthyosis..... | | | | | | | | | | 1 |
| And varicella..... | | | | | | | 1 | | | |
| Pemphigus..... | | | | | | | 1 | | | |
| Pharyngitis..... | 1 | | | | 1 | | | | | |
| Phlegmon..... | | | 1 | | | 1 | 1 | 1 | 1 | 2 |
| Pleurisy..... | | | 1 | 1 | | | | | | |
| Polio-myelitis, exposure to..... | | | | | | | | | | |
| Pyæmia..... | | | | | | | | | 2 | |
| Pyrexia..... | | | | | | 1 | | | | |
| Rash on cheek..... | | | | | 1 | | | | | 1 |
| Refused examination..... | | | | | 1 | | 1 | | | |

Number and causes of exclusions from school on account of the health of the pupil—Con.

| Cause. | 1906-7 | | 1907-8 | | 1908-9 | | 1909-10 | | 1910-11 | |
|--|--------|----------|--------|----------|--------|----------|---------|----------|---------|----------|
| | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. |
| Rheumatism..... | | | | | | | | 1 | | |
| Rhinitis..... | | 1 | 1 | | | 3 | | | | |
| <i>Chronica foetida</i> | | | | | | | | | 1 | |
| Rhus poisoning..... | 2 | | | | | | 4 | | | |
| Ringworms..... | | | 5 | | 2 | 1 | | | | 2 |
| Scabies..... | 35 | 4 | 62 | | 60 | 7 | 49 | 14 | 35 | 14 |
| Scabies and pediculosis..... | | | | | | | 1 | | 4 | |
| Scarlatina..... | 17 | 1 | 4 | 1 | 7 | 5 | 16 | 5 | 5 | 2 |
| Exposed to..... | 54 | 2 | 6 | 1 | 15 | 2 | 15 | 8 | 2 | 1 |
| Suspected..... | | | | | 1 | 1 | 27 | 2 | 3 | |
| Serofulosis..... | | | | | | 2 | | | | |
| Smallpox..... | | | | | | | | 1 | | |
| Exposed to..... | | | 1 | 2 | | | | 1 | | |
| Sore neck..... | | | 1 | | | | | | | |
| Supraorbital contusion..... | | | | | 1 | | | | | |
| Syncope..... | | | | | 1 | | | | | |
| Syphilis..... | | | | | | 1 | | | | |
| Second eruption..... | | 2 | | | | | | | | |
| Tonsillitis..... | 22 | 6 | 21 | 5 | 35 | 24 | 17 | 19 | 6 | 7 |
| To obtain physician's certificate..... | | | | | 1 | | | | 1 | |
| Toothache..... | | | | | | | | | | |
| Trachoma..... | 2 | | 4 | | | | | | | |
| Tuberculosis..... | | 2 | | | | | | 1 | | |
| Tubercular adenitis suppurative..... | | | | | | | 1 | | | |
| Tinea..... | 8 | 12 | | | 1 | 1 | | | | |
| Capitis..... | 7 | 22 | 8 | 8 | 5 | 26 | 1 | 11 | 1 | 6 |
| Circinata..... | 18 | 9 | 39 | 11 | 45 | 12 | 19 | 11 | 12 | 5 |
| Tonsurans..... | 3 | | 6 | 3 | 3 | | 7 | | 6 | |
| Circinata and tonsorans..... | | | | | | 1 | | | | |
| Tonsillitis, follicular..... | | | | | | 1 | 2 | 1 | | 1 |
| Ulcer of cornea, hypopyon..... | | | | | 1 | | | | | |
| Undetermined..... | | | 1 | | 1 | | 5 | | | |
| Urine, incontinence of..... | | 2 | | | | | | | | |
| Urethritis..... | | | | | | 1 | | | | |
| Vaccinated, not..... | | | | 1 | | 150 | | 3 | | |
| Vaccinated—Unsuccessful..... | | | | | | | | 1 | | |
| Vaccinia..... | | | | | | 5 | 1 | | 1 | |
| Whooping cough..... | 22 | 4 | 20 | 10 | 7 | 4 | 5 | 8 | 19 | 5 |
| Suspect..... | | | | | 1 | | 1 | | 6 | 2 |
| Wounds, miscellaneous..... | 1 | | | | | | | 2 | | |
| Total number of exclusions..... | 800 | 175 | 987 | 181 | 806 | 380 | 792 | 207 | 628 | 194 |
| Grand total..... | | 975 | | 1,168 | | 1,186 | | 999 | | 822 |

Physical examinations were made of 132 candidates for admission to the normal schools, 84 white and 48 colored. Thirty-four of these candidates had some defect of vision, 21 white and 13 colored, and it was recommended that they all be required to wear suitable glasses.

During the school term 1910-11 118 pupils were referred by the board of education to the health department for examination to determine if, in the judgment of the department, such pupils were suitable subjects for segregation in one of the atypical or ungraded schools, such schools having been provided by the school authorities for backward or mentally defective children. Of these 118 pupils 62 were recommended for one of the special classes above referred to; 33 were not recommended. In 15 cases final reports were not made, and in 8 the pupils were withdrawn from school by their parents.

CHILD-LABOR LAW.

Five hundred and thirty-four children were physically examined during the fiscal year 1910-11 at the request of the board of education under the provisions of the child-labor law to determine if they were physically able to perform the duties of the position they desire to fill. Of these children three were found to be physically unfitted for the work they wanted to do, and it was recommended to the board of education that no permits be granted.

PUBLIC CREMATORY.

During the calendar year ending December 31, 1910, 691 bodies were cremated, 127 adults, 239 babies, and 325 stillborn infants. The total cost of maintaining the crematory for the year just closed, including personal services, repairs, supplies, etc., was \$1,419.83. Estimating the 239 infants as equal to 20 adult bodies, the total adult bodies would be 147. Basing the cost of cremation on these figures, the cost of such cremation was \$9.66 for each body.

The outside of the crematory and such parts of the interior as were in need of painting have been painted during the year. The entire building, both inside and outside, as well as the grounds surrounding it are now in very good condition.

RECOMMENDATIONS.

I again most earnestly renew my recommendation for the improving of B Street SE., east of Nineteenth Street. This is the main thoroughfare to the crematory and the quarantine station. This street is in a most wretched condition, and in bad weather is almost impassable and at night dangerous. I also renew my recommendation for the proper lighting of the roadways in reservation 13, so that travel by night to and from the smallpox hospital and quarantine station may be made safe, which at the present time is hardly the case. Recommendation is again made that proper fire protection be provided for the smallpox hospital and administration building. At the present time the safety of these buildings from fire depends on a few fire extinguishers.

The usual tables accompany this report.

Respectfully,

W. C. FOWLER, M. D.,
Inspector in Charge of Contagious Disease Service.

TABLE 1.—Prevalence and severity of diphtheria, scarlet fever, typhoid fever, smallpox, measles, whooping cough, chicken pox, and epidemic cerebrospinal meningitis during the calendar year 1910, with comparative figures for previous years.

| | Cases reported. | | | Case rate per 100,000 of population. | | | Deaths. | | | Percentage of fatal cases. | | |
|------------------------------------|-----------------|----------|---------|--------------------------------------|----------|--------|---------|----------|--------|----------------------------|----------|--------|
| | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | Total. |
| Diphtheria: | | | | | | | | | | | | |
| 1901-1905..... | 370.6 | 67.8 | 438.4 | 177 | 74 | 146 | 35 | 15 | 50 | 9.55 | 19.79 | 11.9 |
| 1906..... | 369 | 51 | 420 | 159 | 54 | 129 | 27 | 9 | 36 | 7.3 | 17.6 | 8.6 |
| 1907..... | 377 | 34 | 411 | 161 | 35 | 125 | 21 | 7 | 28 | 5.6 | 20.6 | 6.8 |
| 1908..... | 389 | 92 | 481 | 161 | 94 | 142 | 15 | 7 | 22 | 3.9 | 7.6 | 4.6 |
| 1909..... | 469 | 59 | 528 | 191 | 61 | 154 | 30 | 13 | 43 | 6.4 | 22.0 | 8.1 |
| 1910..... | 352 | 60 | 412 | 140 | 61 | 118 | 24 | 3 | 27 | 6.8 | 5.0 | 6.6 |
| 1906-1910..... | 391.2 | 59.2 | 370.4 | 166.2 | 61.2 | 133.5 | 23.4 | 7.8 | 31.2 | 6.0 | 13.2 | 6.9 |
| Scarlet fever: | | | | | | | | | | | | |
| 1901-1905..... | 287.0 | 30.4 | 317.4 | 137 | 33 | 107 | 34 | 7 | 41 | 2.2 | 4.7 | 2.5 |
| 1906..... | 188 | 43 | 231 | 81 | 45 | 71 | 6 | 2 | 8 | 3.2 | 4.7 | 3.5 |
| 1907..... | 161 | 7 | 168 | 69 | 7 | 51 | 2 | ..... | 2 | 1.2 | ..... | 1.1 |
| 1908..... | 300 | 27 | 327 | 124 | 28 | 96 | 8 | 1 | 9 | 2.7 | 3.7 | 2.7 |
| 1909..... | 830 | 76 | 906 | 338 | 78 | 261 | 21 | 5 | 26 | 2.5 | 6.6 | 2.9 |
| 1910..... | 922 | 79 | 1,001 | 368 | 81 | 254 | 8 | 3 | 11 | .9 | 3.8 | 1.1 |
| 1906-1910..... | 480.2 | 46.4 | 526.4 | 199.5 | 48.0 | 154.9 | 9.0 | 2.2 | 11.2 | 1.9 | 4.7 | 2.1 |
| Typhoid fever: | | | | | | | | | | | | |
| 1902-1905..... | 833.8 | 324.2 | 1,158.0 | 392 | 352 | 378 | 101.5 | 60.3 | 161.9 | 11.4 | 18.6 | 13.2 |
| 1906..... | 796 | 330 | 1,126 | 344 | 347 | 345 | 82 | 80 | 162 | 10.3 | 24.2 | 14.4 |
| 1907..... | 725 | 203 | 928 | 311 | 211 | 282 | 77 | 37 | 114 | 10.6 | 18.2 | 12.3 |
| 1908..... | 674 | 262 | 936 | 279 | 269 | 276 | 88 | 36 | 124 | 13.1 | 13.7 | 13.2 |
| 1909..... | 587 | 192 | 779 | 239 | 198 | 227 | 67 | 47 | 114 | 11.4 | 24.5 | 14.6 |
| 1910..... | 519 | 197 | 716 | 207 | 202 | 205 | 49 | 32 | 81 | 9.4 | 16.2 | 11.3 |
| 1906-1910..... | 660.2 | 236.8 | 897.0 | 274.3 | 244.9 | 265.9 | 72.6 | 46.4 | 119.0 | 11.0 | 19.6 | 13.0 |
| Smallpox: | | | | | | | | | | | | |
| 1901-1905..... | 14.0 | 31.8 | 55.8 | 11 | 34 | 18 | 6 | 8 | 14 | 5.0 | 5.03 | 5.02 |
| 1906..... | 58 | 23 | 81 | 26 | 24 | 25 | 2 | 1 | 3 | 3.4 | 4.3 | 3.7 |
| 1907..... | 3 | 4 | 7 | 1 | 4 | 2 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1908..... | 22 | 171 | 193 | 9 | 175 | 57 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1909..... | 15 | 10 | 25 | 6 | 10 | 7 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1910..... | 45 | 56 | 101 | 18 | 57 | 29 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1906-1910..... | 28.6 | 52.8 | 81.4 | 11.1 | 54.6 | 24.1 | .4 | .7 | .6 | 1.4 | .4 | .7 |
| Measles: | | | | | | | | | | | | |
| 1907..... | 440 | 53 | 493 | 188 | 55 | 150 | 2 | 2 | 4 | .4 | 3.8 | .8 |
| 1908..... | 875 | 303 | 1,178 | 362 | 311 | 347 | 2 | ..... | 2 | .2 | ..... | .2 |
| 1909..... | 5,423 | 1,039 | 6,462 | 2,206 | 1,069 | 1,884 | 29 | 9 | 38 | .53 | .86 | .59 |
| 1910..... | 171 | 70 | 241 | 68 | 72 | 69 | ..... | 3 | 3 | ..... | 4.3 | 1.2 |
| 1907-1910..... | 1,727.2 | 366.2 | 2,093.4 | 700.5 | 377.1 | 615.5 | 8.2 | 3.4 | 11.6 | .5 | 1.0 | .6 |
| Whooping cough: | | | | | | | | | | | | |
| 1907..... | 198 | 61 | 259 | 85 | 63 | 79 | 7 | 9 | 16 | 3.0 | 16.4 | 6.2 |
| 1908..... | 339 | 141 | 480 | 140 | 145 | 141 | 9 | 29 | 38 | 2.6 | 20.6 | 7.9 |
| 1909..... | 412 | 152 | 564 | 168 | 156 | 164 | 14 | 16 | 30 | 3.4 | 10.5 | 5.3 |
| 1910..... | 484 | 239 | 723 | 193 | 245 | 207 | 9 | 26 | 35 | 1.9 | 10.9 | 4.8 |
| 1907-1910..... | 358.2 | 148.2 | 506.4 | 147.4 | 152.6 | 148.9 | 9.6 | 20.0 | 29.6 | 2.7 | 13.5 | 5.4 |
| Chicken pox: | | | | | | | | | | | | |
| 1907..... | 302 | 83 | 385 | 129 | 86 | 117 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1908..... | 435 | 87 | 522 | 180 | 89 | 153 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1909..... | 581 | 91 | 672 | 236 | 94 | 196 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1910..... | 595 | 152 | 747 | 237 | 156 | 211 | 1 | ..... | 1 | .10 | ..... | .13 |
| 1907-1910..... | 478.2 | 103.2 | 581.5 | 196.8 | 106.3 | 171.0 | .25 | ..... | .25 | .05 | ..... | .04 |
| Epidemic cerebrospinal meningitis: | | | | | | | | | | | | |
| 1907..... | 5 | 5 | 10 | 2 | 5 | 3 | 3 | 5 | 8 | 60.0 | 100.0 | 80.0 |
| 1908..... | 16 | 17 | 33 | 7 | 17 | 10 | 10 | 10 | 20 | 62.5 | 58.8 | 60.6 |
| 1909..... | 11 | 3 | 14 | 4 | 3 | 4 | 7 | 2 | 9 | 63.6 | 66.6 | 64.3 |
| 1910..... | 3 | 2 | 5 | 1 | 2 | 1 | 3 | 1 | 4 | 100.0 | 50.0 | 80.0 |
| 1907-1910..... | 8.25 | 6.25 | 15.5 | 3.6 | 7.0 | 4.6 | 5.75 | 4.5 | 10.25 | 65.7 | 66.6 | 66.1 |
| Tuberculosis: | | | | | | | | | | | | |
| 1908..... | 467 | 458 | 925 | 193 | 471 | 272 | 183 | 247 | 430 | 39.2 | 54.0 | 46.5 |
| 1909..... | 631 | 753 | 1,384 | 257 | 785 | 403 | 315 | 475 | 790 | 49.9 | 63.1 | 57.1 |
| 1910..... | 613 | 701 | 1,314 | 244 | 718 | 377 | 333 | 456 | 789 | 54.3 | 65.0 | 60.0 |
| 1908-1910..... | 570.3 | 637.3 | 1,207.3 | 231.7 | 654.1 | 351.5 | 277.0 | 392.7 | 667.7 | 48.6 | 61.6 | 55.5 |

¹ Act requiring cases of pulmonary and other communicable forms of tuberculosis to be reported was approved May 13, 1908. The law was, however, not put in operation until July 1, 1908.

TABLE 2.—*Reported cases of diphtheria, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 48 | 6 | 7 | ..... | 55 | 6 |
| February..... | 24 | 5 | 10 | ..... | 34 | 5 |
| March..... | 32 | 1 | 2 | ..... | 34 | 1 |
| April..... | 28 | 3 | 8 | 1 | 36 | 4 |
| May..... | 23 | 1 | 13 | ..... | 36 | 1 |
| June..... | 19 | ..... | 1 | ..... | 20 | ..... |
| July..... | 12 | 1 | 1 | ..... | 13 | 1 |
| August..... | 20 | 1 | 1 | ..... | 21 | 1 |
| September..... | 32 | 1 | 5 | ..... | 37 | 1 |
| October..... | 42 | 1 | 6 | ..... | 48 | 1 |
| November..... | 40 | 4 | 4 | 1 | 44 | 5 |
| December..... | 32 | ..... | 2 | 1 | 34 | 1 |
| Total..... | 352 | 24 | 60 | 3 | 412 | 27 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 140.3 | 61.4 | 118.2 |
| Percentage of deaths to cases..... | 6.8 | 5.0 | 6.6 |

TABLE 3.—*Ages of cases and deaths from diphtheria from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 6 | 2 | 33.3 | 5 | 1 | 20.0 | 1 | 1 | 100.0 |
| From 1 to 5 years..... | 105 | 18 | 17.1 | 99 | 16 | 16.1 | 6 | 2 | 33.3 |
| From 5 to 10 years..... | 136 | 6 | 4.4 | 122 | 6 | 4.9 | 14 | ..... | ..... |
| From 10 to 20 years..... | 109 | 1 | .9 | 82 | 1 | 12.2 | 27 | ..... | ..... |
| From 20 to 30 years..... | 30 | ..... | ..... | 24 | ..... | ..... | 6 | ..... | ..... |
| From 30 to 40 years..... | 16 | ..... | ..... | 13 | ..... | ..... | 3 | ..... | ..... |
| From 40 to 50 years..... | 6 | ..... | ..... | 4 | ..... | ..... | 2 | ..... | ..... |
| From 50 to 60 years..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| From 60 to 70 years..... | 3 | ..... | ..... | 2 | ..... | ..... | 1 | ..... | ..... |
| Total..... | 412 | 27 | 6.6 | 352 | 24 | 6.8 | 60 | 3 | 5.0 |

TABLE 4.—*Reported cases of scarlet fever, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 249 | ..... | 24 | 1 | 273 | 1 |
| February..... | 227 | 4 | 13 | ..... | 240 | 4 |
| March..... | 147 | 3 | 11 | 1 | 158 | 4 |
| April..... | 92 | 1 | 7 | ..... | 99 | 1 |
| May..... | 55 | ..... | 10 | 1 | 65 | 1 |
| June..... | 29 | ..... | 4 | ..... | 33 | ..... |
| July..... | 19 | ..... | 4 | ..... | 23 | ..... |
| August..... | 14 | ..... | ..... | ..... | 14 | ..... |
| September..... | 9 | ..... | ..... | ..... | 9 | ..... |
| October..... | 27 | ..... | 2 | ..... | 29 | ..... |
| November..... | 24 | ..... | 2 | ..... | 26 | ..... |
| December..... | 30 | ..... | 2 | ..... | 32 | ..... |
| Total..... | 922 | 8 | 79 | 3 | 1,001 | 11 |

TABLE 4.—*Reported cases of scarlet fever, by race and by months, during the calendar year 1910, with certain data relative thereto—Continued.*

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 367.6 | 80.9 | 253.7 |
| Percentage of deaths to cases..... | .87 | 3.8 | 1.1 |

TABLE 5.—*Ages of cases and deaths from scarlet fever from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 11 | 1 | 9.1 | 10 | ..... | ..... | 1 | 1 | 100.0 |
| From 1 to 5 years..... | 224 | 5 | 2.2 | 207 | 4 | 1.9 | 17 | 1 | 5.9 |
| From 5 to 10 years..... | 419 | 3 | .7 | 393 | 2 | .5 | 26 | 1 | 3.8 |
| From 10 to 20 years..... | 274 | 2 | .7 | 251 | 2 | .8 | 23 | ..... | ..... |
| From 20 to 30 years..... | 51 | ..... | ..... | 42 | ..... | ..... | 9 | ..... | ..... |
| From 30 to 40 years..... | 16 | ..... | ..... | 14 | ..... | ..... | 2 | ..... | ..... |
| From 40 to 50 years..... | 5 | ..... | ..... | 4 | ..... | ..... | 1 | ..... | ..... |
| From 50 to 60 years..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... |
| Total..... | 1,001 | 11 | 1.1 | 922 | 8 | .9 | 79 | 3 | 3.8 |

TABLE 6.—*Reported cases of measles, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 9 | ..... | 4 | ..... | 13 | ..... |
| February..... | 11 | ..... | 2 | ..... | 13 | ..... |
| March..... | 23 | ..... | 5 | ..... | 28 | ..... |
| April..... | 22 | ..... | 7 | ..... | 29 | ..... |
| May..... | 41 | ..... | 6 | ..... | 47 | ..... |
| June..... | 31 | ..... | 16 | 2 | 47 | 2 |
| July..... | 11 | ..... | 23 | ..... | 34 | ..... |
| August..... | 3 | ..... | ..... | 1 | 3 | 1 |
| September..... | 2 | ..... | 2 | ..... | 4 | ..... |
| October..... | 2 | ..... | 1 | ..... | 3 | ..... |
| November..... | 2 | ..... | 2 | ..... | 4 | ..... |
| December..... | 14 | ..... | 2 | ..... | 16 | ..... |
| Total..... | 171 | ..... | 70 | 3 | 241 | 3 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 68.2 | 71.7 | 69.2 |
| Percentage of deaths to cases..... | ..... | 4.3 | 1.2 |

TABLE 7.—*Ages of cases and deaths from measles from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 19 | | | 15 | | | 4 | | |
| From 1 to 5 years..... | 85 | 3 | 3.5 | 66 | | | 19 | 3 | 15.8 |
| From 5 to 10 years..... | 80 | | | 59 | | | 21 | | |
| From 10 to 20 years..... | 31 | | | 14 | | | 17 | | |
| From 20 to 30 years..... | 18 | | | 12 | | | 6 | | |
| From 30 to 40 years..... | 5 | | | 2 | | | 3 | | |
| From 40 to 50 years..... | 2 | | | 2 | | | | | |
| From 50 to 60 years..... | 1 | | | 1 | | | | | |
| Total..... | 241 | 3 | 1.2 | 171 | | | 70 | 3 | 4.3 |

TABLE 8.—*Reported cases of whooping cough, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 38 | | 11 | 1 | 49 | 1 |
| February..... | 47 | 1 | 19 | 2 | 66 | 3 |
| March..... | 64 | 4 | 27 | 5 | 91 | 9 |
| April..... | 65 | | 12 | 3 | 77 | 3 |
| May..... | 61 | | 14 | 2 | 75 | 2 |
| June..... | 37 | 1 | 22 | | 59 | 1 |
| July..... | 69 | 1 | 54 | 3 | 123 | 4 |
| August..... | 32 | 2 | 39 | 5 | 71 | 7 |
| September..... | 35 | | 9 | 3 | 44 | 3 |
| October..... | 21 | | 9 | 1 | 30 | 1 |
| November..... | 12 | | 15 | 1 | 27 | 1 |
| December..... | 3 | | 8 | | 11 | |
| Total..... | 484 | 9 | 239 | 26 | 723 | 35 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 193.0 | 244.7 | 207.5 |
| Percentage of deaths to cases..... | 1.9 | 10.9 | 4.8 |

TABLE 9.—*Ages of cases and deaths from whooping cough from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 106 | 18 | 17.0 | 61 | 6 | 9.8 | 45 | 12 | 26.7 |
| From 1 to 5 years..... | 338 | 16 | 4.7 | 224 | 3 | 1.3 | 114 | 13 | 11.4 |
| From 5 to 10 years..... | 225 | 1 | .4 | 160 | | | 65 | 1 | 1.5 |
| From 10 to 20 years..... | 39 | | | 23 | | | 13 | | |
| From 20 to 30 years..... | 7 | | | 6 | | | 1 | | |
| From 30 to 40 years..... | 3 | | | 3 | | | | | |
| From 40 to 50 years..... | 5 | | | 4 | | | 1 | | |
| Total..... | 723 | 35 | 4.8 | 484 | 9 | 1.9 | 239 | 26 | 10.9 |

TABLE 10.—*Reported cases of chickenpox, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 101 | | 32 | | 133 | |
| February..... | 87 | 1 | 9 | | 96 | 1 |
| March..... | 83 | | 23 | | 106 | |
| April..... | 73 | | 15 | | 88 | |
| May..... | 51 | | 8 | | 59 | |
| June..... | 38 | | 7 | | 45 | |
| July..... | 11 | | 4 | | 15 | |
| August..... | 1 | | | | 1 | |
| September..... | 4 | | | | 4 | |
| October..... | 17 | | 3 | | 20 | |
| November..... | 31 | | 11 | | 42 | |
| December..... | 98 | | 40 | | 138 | |
| Total..... | 595 | 1 | 152 | | 747 | 1 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 237.2 | 155.6 | 211.5 |
| Percentage of deaths to cases..... | .16 | | .13 |

TABLE 11.—*Ages of cases and deaths from chickenpox from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 30 | 1 | 3.33 | 21 | 1 | 4.8 | 9 | | |
| From 1 to 5 years..... | 159 | | | 125 | | | 34 | | |
| From 5 to 10 years..... | 380 | | | 309 | | | 71 | | |
| From 10 to 20 years..... | 130 | | | 108 | | | 22 | | |
| From 20 to 30 years..... | 35 | | | 20 | | | 15 | | |
| From 30 to 40 years..... | 11 | | | 10 | | | 1 | | |
| From 40 to 50 years..... | 2 | | | 2 | | | | | |
| Total..... | 747 | 1 | .13 | 595 | 1 | .16 | 152 | | |

TABLE 12.—*Reported cases of smallpox, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 6 | | | | 6 | |
| February..... | 7 | | 5 | | 12 | |
| March..... | 14 | | 13 | | 27 | |
| April..... | 13 | | 13 | | 26 | |
| May..... | 1 | | 9 | | 10 | |
| June..... | | | 2 | | 2 | |
| July..... | 1 | | 4 | | 5 | |
| August..... | 1 | | 9 | | 10 | |
| September..... | 1 | | 1 | | 2 | |
| October..... | | | | | | |
| November..... | | | | | | |
| December..... | 1 | | | | 1 | |
| Total..... | 45 | | 56 | | 101 | |

TABLE 12.—*Reported cases of smallpox, by race and by month, during the calendar year 1910, with certain data relative thereto—Continued.*

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 17.9 | 57.3 | 28.9 |
| Percentage of deaths to cases..... | | | |

TABLE 13.—*Ages of cases and deaths from smallpox from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| From 1 to 5 years..... | 10 | | | 5 | | | 5 | | |
| From 5 to 10 years..... | 11 | | | 3 | | | 8 | | |
| From 10 to 20 years..... | 22 | | | 11 | | | 11 | | |
| From 20 to 30 years..... | 26 | | | 12 | | | 14 | | |
| From 30 to 40 years..... | 24 | | | 10 | | | 14 | | |
| From 40 to 50 years..... | 6 | | | 3 | | | 3 | | |
| From 50 to 60 years..... | 2 | | | 1 | | | 1 | | |
| Total..... | 101 | | | 45 | | | 56 | | |

TABLE 14.—*Reported cases of epidemic cerebrospinal meningitis, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| May..... | 1 | 1 | | | 1 | 1 |
| July..... | 1 | 1 | 1 | | 2 | 1 |
| August..... | 1 | 1 | | | 1 | 1 |
| September..... | | | 1 | 1 | 1 | 1 |
| Total..... | 3 | 3 | 2 | 1 | 5 | 4 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 1.2 | 2.0 | 1.4 |
| Percentage of deaths to cases..... | 100.0 | 50.0 | 80.0 |

TABLE 15.—*Ages of cases and deaths from epidemic cerebrospinal meningitis from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 1 | 1 | 100.0 | | | | 1 | 1 | 100.0 |
| From 1 to 5 years..... | 4 | 3 | 75.0 | 3 | 3 | 100.0 | 1 | | |
| Total..... | 5 | 4 | 80.0 | 3 | 3 | 100.0 | 2 | 1 | 50.0 |

TABLE 16.—*Reported cases of typhoid fever, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 24 | 2 | 5 | 1 | 29 | 3 |
| February..... | 16 | 4 | 6 | ..... | 22 | 4 |
| March..... | 11 | 5 | 3 | 2 | 14 | 7 |
| April..... | 27 | 5 | 3 | ..... | 30 | 5 |
| May..... | 20 | 3 | 9 | 2 | 29 | 5 |
| June..... | 17 | 3 | 7 | 1 | 24 | 4 |
| July..... | 45 | 4 | 26 | 2 | 71 | 6 |
| August..... | 108 | 7 | 44 | 5 | 152 | 12 |
| September..... | 72 | 4 | 40 | 9 | 112 | 13 |
| October..... | 88 | 5 | 27 | 3 | 115 | 8 |
| November..... | 43 | 4 | 19 | 5 | 62 | 9 |
| December..... | 48 | 3 | 8 | 2 | 56 | 5 |
| Total..... | 519 | 49 | 197 | 32 | 716 | 81 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 206.9 | 201.7 | 205.5 |
| Percentage of deaths to cases..... | 9.4 | 16.2 | 11.3 |

TABLE 17.—*Ages of cases and deaths from typhoid fever from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 2 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | ..... |
| From 1 to 5 years..... | 18 | 1 | 5.5 | 10 | ..... | ..... | 8 | 1 | 12.5 |
| From 5 to 10 years..... | 76 | 2 | 2.6 | 42 | ..... | ..... | 34 | 2 | 5.9 |
| From 10 to 20 years..... | 215 | 22 | 10.2 | 151 | 12 | 7.9 | 64 | 10 | 15.6 |
| From 20 to 30 years..... | 224 | 29 | 12.9 | 166 | 19 | 11.4 | 58 | 10 | 17.3 |
| From 30 to 40 years..... | 104 | 12 | 11.5 | 86 | 8 | 9.3 | 18 | 4 | 22.2 |
| From 40 to 50 years..... | 50 | 5 | 10.0 | 39 | 2 | 5.1 | 11 | 3 | 27.3 |
| From 50 to 60 years..... | 20 | 7 | 35.0 | 18 | 5 | 27.7 | 2 | 2 | 100.0 |
| From 60 to 70 years..... | 4 | 2 | 50.0 | 4 | 2 | 50.0 | ..... | ..... | ..... |
| Over 70 years..... | 3 | 1 | 33.3 | 2 | 1 | 50.0 | 1 | ..... | ..... |
| Total..... | 716 | 81 | 11.3 | 519 | 49 | 9.4 | 197 | 32 | 16.2 |

TABLE 18.—Cases of typhoid fever reported to the health department during the calendar year 1910, figured according to districts shown on map of vital statistics.

| District. | Cases reported. | | Total cases reported. | Total number of acres per district. | District. | Cases reported. | | Total cases reported. | Total number of acres per district. |
|-----------|-----------------|----------|-----------------------|-------------------------------------|-----------|-----------------|----------|-----------------------|-------------------------------------|
| | White. | Colored. | | | | White. | Colored. | | |
| 1..... | 13 | 11 | 24 | 385.67 | 29..... | 7 | ..... | 7 | 358.10 |
| 2..... | 6 | 4 | 10 | 202.02 | 30..... | 5 | 4 | 9 | 985.30 |
| 3..... | 8 | 8 | 16 | 183.65 | 31..... | 12 | 1 | 13 | 313.11 |
| 4..... | 2 | 2 | 4 | 192.83 | 32..... | 7 | 1 | 8 | 1,136.82 |
| 5..... | 15 | 14 | 29 | 273.65 | 33..... | 13 | 2 | 15 | 224.52 |
| 6..... | 36 | 5 | 41 | 280.99 | 34..... | ..... | 12 | 12 | 155.19 |
| 7..... | 16 | 2 | 18 | 292.70 | 35..... | 15 | 6 | 21 | 252.53 |
| 8..... | 56 | 11 | 67 | 316.80 | 36..... | 16 | 2 | 18 | 318.64 |
| 9..... | 18 | 14 | 32 | 365.38 | 37..... | 1 | ..... | 1 | 1,773.10 |
| 10..... | 28 | 8 | 36 | 376.49 | 38..... | 1 | 1 | 2 | 291.09 |
| 11..... | 3 | 2 | 5 | 190.08 | 39..... | 2 | ..... | 2 | 420.57 |
| 12..... | 15 | 2 | 17 | 354.45 | 40..... | 1 | ..... | 1 | 1,084.48 |
| 13..... | 29 | 7 | 36 | 291.09 | 41..... | 3 | ..... | 3 | 1,147.84 |
| 14..... | 45 | 12 | 57 | 339.30 | 42..... | ..... | ..... | ..... | 3,172.64 |
| 15..... | 14 | 8 | 22 | 305.78 | 43..... | 3 | ..... | 3 | 844.81 |
| 16..... | 22 | 1 | 23 | 254.82 | 44..... | 3 | ..... | 3 | 377.41 |
| 17..... | 20 | 1 | 21 | 462.35 | 45..... | ..... | 3 | 3 | 68.87 |
| 18..... | 6 | 2 | 8 | 358.59 | 46..... | 3 | ..... | 3 | 1,051.42 |
| 19..... | 5 | 4 | 9 | 1,526.17 | 47..... | 4 | ..... | 4 | 603.61 |
| 20..... | 3 | 3 | 6 | 769.51 | 48..... | 10 | 1 | 11 | 505.05 |
| 21..... | ..... | 1 | 1 | 2,112.02 | 49..... | 6 | 3 | 9 | 91.83 |
| 22..... | 4 | ..... | 4 | 894.39 | 50..... | 8 | ..... | 8 | 821.85 |
| 23..... | 15 | 6 | 21 | 964.19 | 51..... | 2 | ..... | 2 | 994.49 |
| 24..... | 2 | ..... | 2 | 217.17 | 52..... | ..... | ..... | ..... | 858.59 |
| 25..... | 5 | ..... | 5 | 3,169.88 | 53..... | 4 | ..... | 4 | 826.45 |
| 26..... | 7 | 4 | 11 | 1,472.91 | Total.. | 524 | 192 | 716 | 35,776.72 |
| 27..... | ..... | ..... | ..... | ..... |  |  |  |  |  |
| 28..... | ..... | ..... | ..... | ..... |  |  |  |  |  |
| 29..... | ..... | ..... | ..... | ..... |  |  |  |  |  |

TABLE 19.—Prevalence of typhoid fever in the District of Columbia, by months and by years, from July 1, 1906, to Dec. 31, 1910.

| Month. | Cases reported. | | | | | Deaths reported. | | | | |
|----------------|-----------------|------|------|------|------|------------------|------|------|------|------|
| | 1906 | 1907 | 1908 | 1909 | 1910 | 1906 | 1907 | 1908 | 1909 | 1910 |
| January..... | 27 | 53 | 37 | 91 | 29 | 6 | 7 | 4 | 16 | 3 |
| February..... | 21 | 32 | 14 | 39 | 22 | 4 | 6 | 1 | 8 | 4 |
| March..... | 18 | 25 | 25 | 33 | 14 | 5 | 4 | 1 | 3 | 7 |
| April..... | 35 | 28 | 43 | 43 | 30 | 4 | 6 | 8 | 8 | 5 |
| May..... | 44 | 37 | 39 | 31 | 29 | 10 | 7 | 8 | 7 | 5 |
| June..... | 58 | 34 | 62 | 53 | 24 | 9 | 2 | 3 | 7 | 4 |
| July..... | 181 | 80 | 108 | 57 | 71 | 21 | 10 | 15 | 12 | 6 |
| August..... | 293 | 189 | 162 | 113 | 152 | 32 | 18 | 13 | 12 | 12 |
| September..... | 150 | 183 | 155 | 119 | 112 | 20 | 17 | 23 | 15 | 13 |
| October..... | 171 | 147 | 153 | 94 | 115 | 28 | 19 | 19 | 12 | 8 |
| November..... | 82 | 83 | 71 | 64 | 62 | 19 | 11 | 16 | 12 | 9 |
| December..... | 46 | 37 | 67 | 42 | 56 | 4 | 7 | 13 | 2 | 5 |
| Total..... | 1,126 | 928 | 936 | 779 | 716 | 162 | 114 | 124 | 114 | 81 |

TABLE 20.—*Reported cases of pulmonary and other communicable forms of tuberculosis, by race and by months, during the calendar year 1910, with certain data relative thereto.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 67 | 30 | 65 | 42 | 132 | 72 |
| February..... | 65 | 34 | 63 | 33 | 128 | 67 |
| March..... | 47 | 27 | 74 | 53 | 121 | 80 |
| April..... | 67 | 40 | 64 | 47 | 131 | 87 |
| May..... | 47 | 29 | 48 | 32 | 95 | 61 |
| June..... | 45 | 26 | 56 | 37 | 101 | 63 |
| July..... | 53 | 16 | 53 | 22 | 106 | 38 |
| August..... | 55 | 27 | 73 | 35 | 128 | 62 |
| September..... | 43 | 31 | 63 | 40 | 106 | 71 |
| October..... | 43 | 26 | 56 | 37 | 99 | 63 |
| November..... | 45 | 21 | 46 | 35 | 91 | 56 |
| December..... | 36 | 26 | 40 | 43 | 76 | 69 |
| Total..... | 613 | 333 | 701 | 456 | 1,314 | 789 |

ANALYSIS.

| | White. | Colored. | Total. |
|--------------------------------------|--------|----------|--------|
| Cases per 100,000 of population..... | 244.4 | 717.8 | 377.1 |
| Percentage of deaths to cases..... | 54.3 | 65.0 | 60.0 |

TABLE 21.—*Ages of cases and deaths from tuberculosis from Jan. 1 to Dec. 31, 1910.*

| Age. | Total cases. | Total deaths. | General mortality. | White. | | | Colored. | | |
|--------------------------|--------------|---------------|--------------------|--------|---------|------------------------|----------|---------|------------------------|
| | | | | Cases. | Deaths. | Per cent of mortality. | Cases. | Deaths. | Per cent of mortality. |
| Under 1 year..... | 2 | | | 1 | | | 1 | | |
| From 1 to 5 years..... | 29 | 14 | 48.3 | 7 | 3 | 42.9 | 22 | 11 | 50.0 |
| From 5 to 10 years..... | 18 | 10 | 55.5 | 7 | 2 | 28.6 | 11 | 8 | 72.7 |
| From 10 to 20 years..... | 130 | 80 | 61.5 | 31 | 21 | 68.0 | 99 | 59 | 59.6 |
| From 20 to 30 years..... | 386 | 228 | 59.1 | 160 | 75 | 46.9 | 226 | 153 | 67.7 |
| From 30 to 40 years..... | 352 | 199 | 56.5 | 175 | 91 | 52.0 | 177 | 108 | 61.0 |
| From 40 to 50 years..... | 196 | 128 | 65.3 | 102 | 61 | 59.8 | 94 | 67 | 71.3 |
| From 50 to 60 years..... | 110 | 72 | 65.5 | 63 | 35 | 55.5 | 47 | 37 | 78.7 |
| From 60 to 70 years..... | 62 | 35 | 56.5 | 46 | 25 | 54.3 | 16 | 10 | 62.5 |
| Over 70 years..... | 29 | 23 | 79.3 | 21 | 20 | 95.2 | 8 | 3 | 37.5 |
| Total..... | 1,314 | 789 | 60.0 | 613 | 333 | 54.3 | 701 | 456 | 65.0 |

APPENDIX B.

REPORT OF THE CHEMIST.

DEAR SIR: I have the honor to submit the following report relative to the work performed in the chemical laboratory for the fiscal year ended June 30, 1911.

During the year there were examined a total of 6,482 samples, as follows:

TABLE I.

| | Adulterated. | Not adulterated. | Total. |
|--|--------------|------------------|--------|
| Alcohol, submitted by police department..... | | | 1 |
| Aletris cordial, submitted by police department..... | | 1 | 1 |
| Aletris cordial..... | | 1 | 1 |
| Apples..... | | 1 | 1 |
| Beta-eucaine..... | | 1 | 1 |
| Beverage, submitted by police department..... | | | 1 |
| Butter..... | 3 | 31 | 34 |
| Butterine, submitted by property clerk..... | | | 1 |
| Cake, submitted by police department..... | | | 1 |
| Cake..... | | 1 | 1 |
| Candy, submitted by police department..... | | | 2 |
| Candy..... | | 70 | 70 |
| Castor oil capsule..... | | 1 | 1 |
| Cheese..... | | 2 | 2 |
| Cider, Mexicola, submitted by police department..... | | | 1 |
| Cocaine, submitted by police department..... | | | 14 |
| Coffee..... | | | 1 |
| Coffee and chicory..... | | 1 | 1 |
| Cream..... | 287 | 147 | 434 |
| Eggs..... | | 2 | 2 |
| Epilepside, submitted by police department..... | | | 1 |
| Flour, buckwheat..... | | 2 | 2 |
| Fly paper, submitted by police department..... | | | 1 |
| Formaldehyde..... | | 1 | 1 |
| Fowler's solution..... | 4 | 4 | 8 |
| Grape juice..... | | 1 | 1 |
| Hamburg steak..... | | 53 | 53 |
| Ice cream..... | | 4 | 4 |
| Insecticide..... | | 2 | 2 |
| Jelly, raspberry..... | | 1 | 1 |
| Lard..... | 33 | 31 | 64 |
| Maple sirup..... | | 1 | 1 |
| Meat, submitted by police department..... | | | 1 |
| Milk..... | 413 | 4,919 | 5,332 |
| Milk, skimmed..... | 1 | 5 | 6 |
| Olive oil..... | | 24 | 24 |
| Opium, submitted by police department..... | | | 9 |
| Oysters..... | | 1 | 1 |
| Pills, submitted by police department..... | | | 1 |
| Pork..... | | | 1 |
| Pork and beans, canned..... | | 1 | 1 |
| Powders, submitted by police department..... | | | 6 |
| Salad, potato..... | | 1 | 1 |
| Salmon, canned..... | | 1 | 1 |
| Sardines, canned..... | | 2 | 2 |
| Sausage meat..... | 9 | 16 | 25 |
| Soap, liquid, submitted by plumbing inspector..... | | | 3 |
| Soda sirups..... | | 4 | 4 |
| Stomach contents, submitted by coroner..... | | | 6 |
| Strawberries, canned..... | | 1 | 1 |
| Sugar..... | | 4 | 4 |
| Tablets, submitted by police department..... | | | 5 |
| Tomatoes..... | | 1 | 1 |
| Tomato catsup..... | 9 | 14 | 23 |
| Tomato pulp..... | 12 | 7 | 19 |
| Tonic, nervine..... | | 1 | 1 |
| Tincture lavender compound..... | | 1 | 1 |
| Urine, submitted by coroner..... | | | 1 |
| Vinegar..... | | 1 | 1 |
| Water: | | | |
| Polluted, river, submitted by police department..... | | | 4 |
| Table..... | | 4 | 4 |
| Other than table..... | | | 287 |
| Whisky..... | | 1 | 1 |
| Total..... | 771 | 5,368 | 6,482 |

Milk.—Of the samples of milk examined, 4,090, or 76.7 per cent, were collected about the city; 924, or 17.32 per cent, were shipped over the Baltimore & Ohio Railroad; 265, or 4.97 per cent, were shipped over other roads; while 50, or 0.93 per cent, were from other sources.

Of the samples collected about the city, 349, or 8.53 per cent, contained less than 3.5 per cent of fat, and 49, or 1.19 per cent, showed added water; of those shipped over the Baltimore & Ohio Railroad and other roads, 49, or 5.30 per cent, and 9, or 3.39 per cent, contained less than 3.5 per cent of fat; and 37, or 4 per cent, and 7, or 2.64 per cent, respectively, showed added water.

A comparison of this with the three previous years, together with the percentage of samples collected from various sources, will be seen in the following table:

TABLE II.—Percentage of samples of milk collected from various sources.

| | 1907-8 | | | 1908-9 | | | 1909-10 | | | 1910-11 | | |
|-------------------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|-------------------|------------|------------------|
| | Number collected. | Per cent. | | Number collected. | Per cent. | | Number collected. | Per cent. | | Number collected. | Per cent. | |
| | | Collected. | Below stand-ard. | | Collected. | Below stand-ard. | | Collected. | Below stand-ard. | | Collected. | Below stand-ard. |
| City..... | 4,228 | 90.88 | 16.41 | 3,253 | 88.90 | 8.27 | 3,525 | 59.39 | 11.91 | 4,090 | 76.70 | 8.53 |
| Baltimore & Ohio Station..... | 154 | 3.31 | 21.42 | 191 | 5.22 | 7.31 | 1,369 | 23.07 | 7.52 | 924 | 17.32 | 5.30 |
| Other roads..... | 237 | 5.09 | 3.37 | 167 | 4.56 | 1.79 | 997 | 16.80 | 4.61 | 265 | 4.97 | 3.39 |
| Elsewhere..... | 33 | .71 | ..... | 48 | 1.32 | ..... | 44 | .74 | ..... | 50 | .93 | ..... |
| Total..... | 4,652 | 99.99 | ..... | 3,659 | 100.00 | ..... | 5,935 | 100.00 | ..... | 5,329 | 99.92 | ..... |

It will be noted that the percentage of samples below the standard shows a gratifying decrease.

TABLE III.—Percentage of samples of milk 3 per cent fat and below.

| | 1905-6 | 1906-7 | 1907-8 | 1908-9 | 1909-10 | 1910-11 |
|-------------------------------|--------|--------|--------|--------|---------|---------|
| City..... | 4.55 | 4.69 | 6.57 | 4.03 | 7.12 | 2.64 |
| Baltimore & Ohio Station..... | 1.50 | 2.80 | 1.29 | .52 | 4.60 | 1.19 |
| Other roads..... | 1.71 | .49 | .42 | 1.20 | 3.31 | 1.88 |

It will be noted that the percentage of samples of milk containing 3 per cent fat and below also shows a satisfactory decrease.

Cream.—Of the samples of cream examined, 184 were collected about the city, 193 shipped over the Baltimore & Ohio Railroad, and 57 over other roads.

Of this number, 62.5 per cent of those collected about the city, 65.8 per cent of those shipped over the Baltimore & Ohio Railroad, and 79.65 per cent of those shipped over other roads were below the legal standard. Comparison with the three previous years is as follows:

TABLE IV.

| | 1907-8 | | 1908-9 | | 1909-10 | | 1910-11 | |
|----------------------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|---------------------|-----------------|
| | Num-ber col-lected. | Per cent below. | Num-ber col-lected. | Per cent below. | Num-ber col-lected. | Per cent below. | Num-ber col-lected. | Per cent below. |
| City..... | 292 | 52.74 | 23 | 60.87 | 119 | 69.74 | 184 | 62.50 |
| Baltimore & Ohio R. R..... | 45 | 68.89 | 35 | 42.55 | 245 | 69.80 | 193 | 65.80 |
| Other roads..... | 38 | 44.74 | 36 | 36.11 | 161 | 61.49 | 57 | 79.65 |
| Elsewhere..... | 6 | | 7 | | 4 | | | |
| Total..... | 381 | | 101 | | 529 | | 434 | |

The following table shows the percentage of samples 18 per cent and less of butter fat:

TABLE V.

| | 1907-8 | 1908-9 | 1909-10 | 1910-11 |
|----------------------------|--------|--------|---------|---------|
| City..... | 27.74 | 30.43 | 27.73 | 24.45 |
| Baltimore & Ohio R. R..... | 44.44 | 20.00 | 27.76 | 22.28 |
| Other roads..... | 28.94 | 13.39 | 30.43 | 24.50 |

For the sale by resident dealers in the District of Columbia of adulterated milk, 123 cases were referred to the police court for prosecution, of which number 46 were prosecuted for the sale of watered milk and 1 for the sale of milk containing formaldehyde, the remainder being below standard. Collateral was forfeited in 107 cases, fines imposed in 9 cases, personal bonds taken in 4 cases, and 3 cases nolle prossed. Fines and forfeitures for the sale of said adulterated milk in the District of Columbia amounted to \$696. Personal bonds were taken in one case where a driver had used a portion of a bottle of milk for his lunch and had sold the remaining portion to our inspector. The others escaped punishment because of their previous good record. The 3 cases nolle prossed were for samples purchased of storekeepers who proved to the satisfaction of the court that the milk had not been tampered with while in their possession, but was sold to the inspector from the original bottle as it was left by the dairyman. Prosecutions were then instituted against the dairymen supplying the said stores, and in each case a forfeiture was recorded.

For the sale by shippers into the District of Columbia of adulterated milk, 53 cases were referred for prosecution, of which number 35 were referred to the Department of Agriculture, 8 referred to the United States district attorney, and 3 were referred to the corporation counsel, while action was suspended in 7. Fines were imposed in 8 cases, collateral was forfeited in 3, and the cases referred to the Department of Agriculture were returned to this department pending further information. In 42 cases prosecution was instituted because

water had been added to the milk. Fines and forfeitures for the shipment of adulterated milk into the District of Columbia amounted to \$95.

For the sale by resident dealers in the District of Columbia of adulterated cream, 24 cases were referred to the police court for prosecution, with the result that forfeitures were recorded in 23 cases and personal bonds taken in one where the dairyman had sold out his business and his previous record was good.

For the sale by shippers into the District of Columbia of adulterated cream, 36 cases were referred for prosecution, of which number 28 were referred to the Department of Agriculture and 2 cases were referred to the United States district attorney, with the result that fines amounting to \$25 were imposed, while action was suspended in 6 cases. Those referred to the Department of Agriculture have been returned pending additional information.

TABLE VI.

| | Number. | | | | | | | | Amount. | |
|------------|---------------|--------|--------------|------------|----------------|-----------------|------------|----------|---------|--------------|
| | Prosecutions. | Fines. | Forfeitures. | Acquitted. | Nolle prossed. | Personal bonds. | Continued. | Pending. | Fines. | Forfeitures. |
| Milk..... | 176 | 17 | 110 | | 3 | 4 | 7 | 35 | \$155 | \$636 |
| Cream..... | 60 | 2 | 23 | | | 1 | 6 | 28 | 25 | 120 |
| Total..... | 236 | 19 | 133 | | 3 | 5 | 13 | 63 | 180 | 756 |

Analysis of water.—Two hundred and ninety-one samples of water were examined during the year as follows:

| Source. | Total number examined. | Good. | Suspicious. | Condemned. |
|---------------------|------------------------|-------|-------------|------------|
| Public wells..... | 2 | 1 | | 1 |
| Private wells..... | 127 | 71 | 5 | 51 |
| Public schools..... | 51 | 43 | 2 | 6 |
| Dairy farms..... | 107 | 69 | 7 | 31 |
| Table waters..... | 4 | 3 | | 1 |
| Total..... | 291 | 187 | 14 | 90 |

Of the samples of water from private wells 55.9 per cent showed no evidence of injurious contamination, 3.93 per cent were pronounced suspicious, and 40 per cent were condemned.

Of the samples of water from public-school wells 84.31 per cent did not show any evidence of injurious contamination, 3.92 per cent were found to be suspicious, while 11.76 per cent were condemned.

Of the samples of water from wells on dairy farms, 64.48 per cent showed no evidence of injurious contamination, 6.54 per cent were suspicious, while 28.97 per cent were condemned.

Of the table waters, 75 per cent did not show the presence of any injurious contamination, while 25 per cent (one out of four samples examined) were condemned.

MISCELLANEOUS ANALYSES.

Butter.—Of the samples of butter analysed, three were found to be adulterated, because they contained an excessive amount of water. Prosecutions were instituted, with the result that a fine of \$5 was imposed in each of two cases, while the defendant in the remaining case could not be found by the police department.

Candy.—Each year, just preceding the Christmas holidays, it is the practice of this department to collect and analyze samples of candy, particular attention being directed to the cheaper kinds. This is done in order to determine whether harmful substances, such as coloring matter, fillers, and coatings are used in the composition of the candy. In all, 70 samples were examined, and in no instance was any injurious substance found.

Fowler's solution.—Of the 8 samples of Fowler's solution of arsenic examined, 4, or 50 per cent, were found to be adulterated in that they failed to contain the required amount of arsenious acid provided for in the United States Pharmacopœia, the requirement being 1 per cent of arsenic trioxide. The amounts found in these deficient samples were seventy-five one-hundredths of 1 per cent, eighty-six one-hundredths of 1 per cent, eighty one-hundredths of 1 per cent, and sixty-one one-hundredths of 1 per cent. Prosecutions were instituted in all of these cases, with the result that in three cases a collateral of \$10 each was forfeited, while the remaining case was referred to the United States Department of Agriculture for action, a ruling in the police court having been made in the meantime that where the provisions of the act of 1898 regulating the sales of foods and drugs in the District of Columbia coincided with the provisions of the foods and drugs act of 1906, and where the provisions of the former act conflicted with the latter act, prosecutions should be instituted under the act of 1906. The provisions in both acts referred to concerning the sale of drugs are identical. Therefore it became necessary to refer the case to the United States Department of Agriculture as aforesaid, where the case is still pending.

Hamburg steak.—Fifty-three samples of Hamburg steak were examined for the purpose of determining whether sulphite of soda had been used in order to cause the meat to appear fresher than it really was. This practice was quite common in former years, but it seems to have been abandoned, as none of the samples was found to contain sulphite.

Lard.—Of the 64 samples of lard examined, 33, or 51 per cent, were found to be adulterated in that they contained beef stearin, or a mixture of beef stearin and cottonseed oil. Prosecution was instituted in each case, with the following result: Collateral of \$5 was forfeited in each of 28 cases, personal bonds were taken in 4 cases, while in 1 case a fine of \$5 was imposed. This fine was afterwards set aside on the ground that the prosecution was erroneously brought under the act of 1898 and should have been instituted under the act of 1906.

Olive oil.—Of the 24 samples of olive oil examined all were found to be genuine.

Pork.—On complaint, a sample of pork was procured and on examination found to be infected with kidney worms (known as *stephanurus dentatus*), found in the fat of the capsule of the kidney.

The following is a quotation from a reprint from the Sixteenth Annual Report of the Bureau of Animal Industry (1899):

Since it is unquestionably true that these parasites (referring to kidney worms) are not transmissible to man, either by means of the eggs or by the adult, and since, in addition, the ordinary methods of cooking or curing in vogue in this country would kill the worms, even if they were able to develop in man, there is no reason apparent for condemning the carcass of a hog simply because a few specimens of *stephanurus dentatus* (kidney worms) have been found in it. The infected portions of it should, however, be cut out and tanked, both from the practical standpoint of the butcher, to render the pork more appetizing, and from the standpoint of the inspector, to prevent so far as possible a further spreading of the disease. In cases of infection which are so extensive as to materially alter the condition of the carcass are met with they will, of course, be rejected both by inspectors and by packers.

Very few worms were found in the sample in question and, as the complainant did not wish to prosecute, no further action was taken.

Sausage meat.—Of the 25 samples of sausage meat examined, 9 were found to be adulterated. Prosecution was instituted in 2 cases, with the result that a collateral of \$10 was forfeited in 1 case and a fine of \$10 imposed in the other. Of the remaining 7 cases, 4 were referred to the United States Department of Agriculture and are still pending, while no action was taken in the other 3 because the quantity of starch was so small as to render prosecution inadvisable.

Tomato catsup.—Of the 23 samples of catsup examined, 9 were found to be adulterated in that they contained an excessive number of molds, yeasts, spores, and bacteria, indicating that the product had been manufactured from decomposed vegetable matter. These cases were referred to the United States Department of Agriculture for action.

Tomato pulp.—Of the 19 samples examined, 12 were found to be adulterated in a manner similar to that found in the catsup. These cases, also, were referred to the United States Department of Agriculture for action.

EXAMINATIONS FOR THE POLICE DEPARTMENT.

These include a miscellaneous lot of substances of which note is made in Table I.

The Aletris cordial was suspected to be an abortifacient and used as such. The "beverage" was a mixture prepared and sold by a druggist, and found to consist of sugar 12 per cent, alcohol 32.12 per cent by volume, and water 55.88 per cent. In the neighborhood of this drug store a large number of intoxicated people had been observed by the police, and the neighborhood was very disorderly. Suspecting the druggist, a case was made out, as noted above, and prosecution instituted with the result that the defendant was fined \$250, or four months in jail. The fine was paid.

A sample of cake, suspected to contain poison, was examined, but none found therein.

Two samples of candy, suspected to contain poison, were analyzed, with the result that no poison was found therein.

A sample of cider, supposed to be intoxicating, was found on analysis to contain a very small amount of alcohol, and could not be considered an intoxicating beverage.

Fourteen samples of cocaine were examined, said samples having been either sold by a pedlar or taken from one as evidence.

A drug, sold and administered by an unlicensed practitioner of medicine, in the treatment of epilepsy, and containing morphine, was analyzed with the result that the vendor was prosecuted and fined \$50.

The contents of a box of fly paper was analyzed and found to contain 5 grains of arsenious acid. There were 5 small sheets of paper in the box.

In a certain neighborhood a number of dogs had been killed by poison. Complaint having been made, the inspector of pharmacy submitted a sample of meat which he had picked up on the yard of one of the neighbors. On analysis, this sample of meat was found to contain 2 grains of strychnia. The perpetrator was not discovered.

Nine samples of opium prepared for smoking purposes, and illegally sold by certain Chinese were analyzed, with the result that prosecutions were instituted against four Chinamen. They were convicted, one being fined \$125, another was fined \$75, while the remaining two were fined \$50 each.

A sample of pills, sold by a "Voodoo" doctor, and submitted for analysis, proved to be composed of wheat flour and podophyllum. The police department was unable to apprehend this man, therefore no prosecution was instituted. Three samples of powders sold also by this "Voodoo" doctor were analyzed and found to be powdered podophyllum.

Two powders, suspected to contain poison, were examined and found to contain no poison. Another powder, suspected to contain abortifacients, proved to be a mixture of ginger, cloves, and allspice.

Four samples of polluted Potomac River water were examined. The pollution in one instance consisted of asphaltic oil, a valuable commercial product which was allowed to escape from a tank on the premises of a manufacturing concern and flow into the river. Prosecution was instituted and the defendants' personal bonds were taken, as the pollution appeared to be accidental, and means had been taken to prevent further pollution from this source.

Of the three remaining samples, two contained lubricating oil and one contained coal-tar oil. Prosecutions have not been instituted as yet in these cases.

Five samples of tablets, taken from two young men who were discovered peddling them in the "red-light" section of the city, on analysis, were found to contain heroin. After a trial by jury the defendants were convicted, one being required to serve a jail sentence, while the other was paroled.

It will be noted that a considerable portion of the chemist's time has been spent in work for the police department, said work being necessary in order that successful prosecutions might be insured.

EXAMINATIONS FOR THE CORONER.

Two samples, one of urine and the other consisting of the contents of a human stomach, were examined for the purpose of determining the presence therein of opium. Meconic acid and morphine, indicative of opium, were found in the urine. The stomach contents gave negative results. The case was one of suicide, and the object of the examination was to determine the cause of death.

EXAMINATIONS FOR THE PROPERTY CLERK.

A sample of butterine was examined for the purpose of determining its food value as compared to creamery butter. The analysis gave the following results: Salt, 3.330 per cent; casein, etc., 1.770 per cent; water, 8.975 per cent; fat, 85.925 per cent.

An act relating to the adulteration of foods and drugs in the District of Columbia, approved February 17, 1898, provides that in the case of butter it shall contain not more than 12 per cent of water, not more than 5 per cent of salt, and not less than 83 per cent of fat. It will be noted that the sample of butterine is well within the requirements of the law as to fat, water, and salt.

EXAMINATIONS FOR THE INSPECTOR OF PLUMBING.

Three samples of liquid soap were analyzed for the purpose of determining their relative value previous to awarding a contract for the supply of liquid soap to various buildings under municipal control.

RECOMMENDATIONS.

It will be noted that the number of samples analyzed during the year has fallen below that of the preceding year, especially noticeable in the samples of milk and cream. This decrease in number is due to the lack of an inspector who could devote all of his official time to the collection of samples and appearance in court when necessary. During the past year the inspector assigned to the work of collecting samples of milk and cream has been able to devote only a part of the day to this work, the balance of the day being occupied in inspecting dairies and collecting samples of water. It is recommended, therefore, that this condition of affairs be corrected as soon as practicable. The recommendation that provision be made for the services of a laborer in the chemical laboratory has been made repeatedly from year to year, but without avail. It is again urged that this matter be given serious consideration and active steps taken to obtain from Congress the necessary appropriation. It is further recommended that the position of assistant chemist be created with compensation at the rate of \$1,600 per annum. The duties performed by the inspector assigned to assist the chemist require special skill and training in scientific work, and the compensation he now receives (\$1,200 per annum) is wholly inadequate.

A considerable amount of apparatus now in use in the laboratory is about worn out and needs replacing. The laboratory is in need also of new apparatus to be used in carrying out recent methods of analysis. It is recommended, therefore, that an appropriation of \$3,000 be requested for the purchase of chemical apparatus.

Respectfully,

R. L. LYNCH, Phar. D., M. D.,
Chemist.

WILLIAM C. WOODWARD, M. D.,
Health Officer, District of Columbia.

APPENDIX C.

REPORT OF ASSISTANT CHIEF INSPECTOR (IN CHARGE OF FOOD INSPECTION).

JANUARY 29, 1912.

Dr. WILLIAM C. WOODWARD,
Health Officer, District of Columbia.

SIR: I have the honor to submit the annual report relative to the operations of the food-inspection service during the fiscal year ending June 30, 1911:

Dairy farms.—A statement showing the number and location of dairy farms from which milk is sold in the District of Columbia, the number of cattle on such farms, and the frequency of farm inspection for the fiscal years ending June 30, 1910, and June 30, 1911, is submitted.¹ Not only was there an increase of 31 in the number of such farms during the last fiscal year, but there was, too, an increase of 1,033 in the number of cattle on them. This fact is of interest in connection with the statement frequently made by dairy farmers, dairymen, and others that our rigid requirements for dairy farms and the agitation relative to the tuberculin test of cattle have and will operate to drive farmers from dairying to other lines of farm production. It will be noted that although there were 6 farms registered in Pennsylvania at the beginning of the fiscal year and 26 farms at the close of the year, there were no inspections of these farms. This is accounted for by the fact that the applications of these 6 farms were rejected by the health officer shortly after the beginning of the fiscal year, and the applications for permission to bring or send milk or cream into this jurisdiction for sale from the 26 farms were not received until very shortly before the year ended.

Tuberculin testing.—Two very gratifying facts are to be noticed: First, that there were 3,685 cattle on dairy farms at the close of the fiscal year which had been tuberculin tested and passed, as against 1,302 at the beginning of the year; and, second, that the order of the commissioners for the suppression and prevention of tuberculosis in cattle, approved November 26, 1909, was upheld in the police court by a decision of Judge Pugh (*D. C. v. George T. Wells*, decided Dec. 19, 1910), declaring that not only was the order reasonable and just, but that the tuberculin test was necessary to carry it into effect.

Dairies.—About the usual number of inspections of dairies was made during the year, and their condition was generally fairly satisfactory.

Inspections of markets, groceries, and other places where foods are prepared for sale and sold.—Fewer inspections were made of these places during the past year than during the year previous, owing to

¹ This statement is printed on page 25.

the fact that one less inspector was detailed to that work during the latter period and also to the fact that more careful inspections were made, each inspection, therefore, occupying more time. The thoroughness with which such inspections were made during the fiscal year 1911 is shown in the table in which is set forth the ratio of inspections to prosecutions.¹

Inspection of slaughterhouses and live stock.—Twenty-one slaughterhouses were inspected 511 times and the following animals inspected at the time of slaughter and passed for food: Cattle, 54; sheep, 420; calves, 570; hogs, 42. The carcasses of two cattle and of two sheep were condemned as unfit for food and denatured with oil.

Communicable diseases of animals.—During the month of November, 1910, an outbreak of hog cholera occurred among some hogs kept at the United States jail. Several hogs that died were deeply buried and the rest of them were killed under the inspection of officials of the Bureau of Animal Industry, United States Department of Agriculture. All pens were thoroughly disinfected. Although the source of this outbreak was not ascertained, no other cases of this disease were reported during the year.

An outbreak of glanders which occurred in a large livery stable necessitated frequent and careful inspections of the animals at the horse markets of the city by our veterinary inspectors. Nearly 3,000 horses and mules were thus examined, and our failure to find even one case of glanders among them would indicate that the outbreak was localized and that probably all of the infected animals were destroyed. All of the horses in the infected stable were examined by officials of the Bureau of Animal Industry, and 13 cases of the glanders were found and the affected horses killed. Two cases were found at that same time in an adjoining stable, used by a branch of the District government, and later 3 additional cases were discovered on other premises. All of these infected animals were destroyed and the premises disinfected.

Recommendations.—I have the honor to recommend that H. R. 17506 (61st Cong., 2d sess.), "A bill to protect the public health in the District of Columbia by regulating the production and sale of milk, cream, and ice cream in and for the District of Columbia," and that H. R. 23830 (59th Cong., 2d sess.), "A bill governing the maintenance of stock yards, slaughterhouses, and packing houses in the District of Columbia," be recommended for favorable consideration. I recommend further that section 14c of the regulations for the government of dairies and dairy farms in the District of Columbia be amended so as to require an annual retest of such herds as are at the present time required to be demonstrated to be free from tuberculosis by the application of the tuberculin test, and that these regulations be further amended so as to provide that no milk or cream be brought or sent into the District of Columbia for sale or for manufacture, be sold, stored, held for sale, or offered for sale in this jurisdiction unless said milk or cream be kept at a temperature not exceeding 50° F., and that no utensil or pail used to receive the milk as drawn from the udder of any cow shall have an uncovered opening at the top exceeding 7 inches in diameter.

¹ See p. 30.

I have the honor to recommend, too, that section 12a of an ordinance to prevent the sale of unwholesome food in the District of Columbia, which section was promulgated by the commissioners on November 24, 1909, and December 28, 1909, be amended so as to require that no market, store, or stand, where foods are offered for sale and sold, shall be established, maintained, or continued without a certificate from the health officer that the premises are in a proper sanitary condition in which to conduct such business.

Respectfully submitted.

HULBERT YOUNG, V. M. D.,
Assistant Chief Inspector.

APPENDIX D.

MISCELLANEOUS TABLES.

Work done by the sanitary inspection service during the fiscal year ending June 30, 1911,
with reference to nature of nuisance and date of report.

| | 1910 | | | | | | 1911 | | | | | | Total for 1910-11. | Total for 1909-10. |
|----------------------------|-------|---------|------------|----------|-----------|-----------|----------|-----------|--------|--------|------|-------|--------------------|--------------------|
| | July. | August. | September. | October. | November. | December. | January. | February. | March. | April. | May. | June. | | |
| Alleys, filthy..... | 49 | 18 | 17 | 33 | 7 | 4 | 5 | 40 | 40 | 24 | 75 | 46 | 358 | 329 |
| Areas..... | 30 | 24 | 17 | 15 | 8 | 7 | 18 | 20 | 27 | 37 | 29 | 40 | 272 | 188 |
| Cellars..... | 29 | 32 | 35 | 13 | 31 | 9 | 26 | 13 | 43 | 26 | 42 | 61 | 360 | 260 |
| Lots: | | | | | | | | | | | | | | |
| Filthy..... | 31 | 17 | 45 | 20 | 11 | 2 | 11 | 33 | 46 | 66 | 40 | 45 | 367 | 314 |
| Stagnant water..... | 13 | 14 | 5 | 4 | 3 | 1 | 2 | 4 | 13 | 31 | 26 | 26 | 142 | 121 |
| Manure accumulations..... | 33 | 4 | 13 | 13 | 5 | 11 | 8 | 11 | 11 | 15 | 15 | 15 | 156 | 262 |
| Manure receptacles..... | 42 | 17 | 23 | 25 | 5 | 50 | 16 | 22 | 22 | 72 | 38 | 36 | 368 | 552 |
| Plumbing, defective..... | 31 | 11 | 24 | 22 | 19 | 23 | 28 | 35 | 15 | 18 | 23 | 20 | 269 | 413 |
| Premises, unwholesome..... | 41 | 21 | 35 | 24 | 23 | 30 | 55 | 38 | 45 | 38 | 30 | 52 | 432 | 387 |
| Privies: | | | | | | | | | | | | | | |
| Full..... | 7 | 8 | 4 | 6 | 8 | .... | 2 | 8 | 11 | 9 | 1 | 15 | 77 | 379 |
| Leaky boxes..... | 10 | 8 | 12 | 15 | 13 | 1 | 1 | 5 | 8 | 1 | 3 | 4 | 81 | 165 |
| Unlawful..... | 90 | 45 | 58 | 34 | 33 | 50 | 87 | 68 | 80 | 19 | 14 | 47 | 665 | 760 |
| Roofs, leaky..... | 4 | 3 | 7 | 35 | 18 | 14 | 24 | 13 | 15 | 8 | 4 | 9 | 154 | 143 |
| Sewers: | | | | | | | | | | | | | | |
| Connections..... | 17 | 6 | 2 | 10 | 32 | 14 | 58 | 3 | 29 | 28 | 4 | 11 | 214 | 350 |
| Obstructed..... | 146 | 89 | 156 | 152 | 119 | 112 | 117 | 123 | 138 | 183 | 147 | 174 | 1,656 | 1,609 |
| Sheds, filthy..... | 146 | 89 | 164 | 170 | 145 | 108 | 217 | 305 | 338 | 162 | 207 | 233 | 2,284 | 1,743 |
| Stables..... | 34 | 21 | 25 | 14 | 19 | 51 | 16 | 19 | 16 | 47 | 26 | 27 | 315 | 517 |
| Yards, filthy..... | 402 | 204 | 384 | 368 | 305 | 217 | 433 | 629 | 783 | 689 | 458 | 402 | 5,274 | 4,505 |
| Water-closets..... | 153 | 132 | 193 | 138 | 100 | 136 | 175 | 134 | 135 | 93 | 137 | 137 | 1,663 | 1,899 |
| Weeds..... | 336 | 656 | 115 | 44 | .... | .... | .... | .... | .... | 11 | 4 | 35 | 1,201 | 286 |
| Fowls..... | .... | 21 | 57 | 44 | 19 | 36 | 85 | 61 | 75 | 40 | 61 | 46 | 545 | .... |
| Unclassified..... | 73 | 86 | 102 | 101 | 83 | 42 | 33 | 22 | 49 | 24 | 89 | 57 | 760 | 1,420 |

Systematic inspections made by the sanitary inspectors during the fiscal year ending June 30, 1911.

| | 1910 | | | | | | 1911 | | | | | | Total. | Total for 1909-10. |
|----------------------------------|-------|---------|------------|----------|-----------|-----------|----------|-----------|--------|--------|-------|-------|--------|--------------------|
| | July. | August. | September. | October. | November. | December. | January. | February. | March. | April. | May. | June. | | |
| Barber shops..... | 114 | 20 | 77 | 61 | 146 | 267 | 173 | 186 | 179 | 188 | 151 | 79 | 1,641 | 2,404 |
| Cemeteries..... | .... | .... | .... | .... | .... | .... | 4 | 14 | 2 | 3 | .... | 1 | 24 | 18 |
| Hospitals..... | 5 | .... | .... | .... | .... | 7 | .... | 6 | .... | .... | .... | .... | 18 | 20 |
| House to house..... | 109 | 37 | 610 | 850 | 400 | 312 | 335 | 746 | 604 | 221 | 346 | 157 | 4,727 | 5,502 |
| Lodging and tenement houses..... | 17 | .... | .... | 11 | .... | 11 | 156 | 19 | 4 | 5 | .... | .... | 213 | 74 |
| Laundries..... | 233 | 54 | .... | 112 | 163 | 295 | 261 | 260 | 454 | 320 | 279 | 306 | 2,737 | 2,773 |
| Nurseries..... | .... | .... | .... | .... | .... | .... | 15 | 9 | .... | .... | .... | .... | 24 | .... |
| Privies..... | 173 | 29 | 207 | 203 | 160 | 327 | 233 | 185 | 405 | 289 | 169 | 93 | 2,473 | 2,396 |
| Public baths..... | 1 | .... | .... | 13 | .... | .... | .... | .... | .... | .... | .... | .... | 14 | 101 |
| Public buildings..... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 165 |
| Sewage-disposal systems..... | .... | .... | 20 | 7 | 50 | 9 | 79 | 83 | 6 | 15 | 27 | 21 | 317 | 359 |
| Stables..... | 90 | 13 | 30 | 24 | 48 | 410 | 100 | 79 | 38 | 450 | 78 | 38 | 1,398 | 696 |
| Tailor shops..... | .... | .... | .... | .... | .... | .... | .... | 23 | 13 | 1 | 20 | .... | 57 | 421 |
| Theaters..... | .... | .... | .... | .... | 8 | 89 | 5 | 1 | .... | .... | .... | .... | 103 | 92 |
| Unclassified inspections..... | 6,304 | 6,056 | 7,328 | 6,020 | 5,103 | 5,119 | 5,814 | 4,454 | 5,690 | 4,514 | 4,815 | 4,515 | 65,732 | 81,126 |

Total number of nuisances abated under act of Congress Apr. 14, 1906, 304.

Total number of nuisances reported for this fiscal year amounts to 17,473.

Total number of nuisances abated for the same period, 16,912.

The amount of fines imposed for failure to comply with notices by the police court during the fiscal year ending June 30, 1911, \$216.

Total number of hours the inspectors were engaged in prosecution of their cases in the police court during the fiscal year ending June 30, 1911, 3331.

Total number of hours spent by inspectors in contagious-disease work, 2,944.

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year ending June 30, 1911.

ARRIVALS.

| Articles. | 1910 | | | | | |
|-------------------------|-------|---------|---------|--------|--------|--------|
| | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| Bass.....barrels.. | 82 | 107 | 72 | 78 | 104 | 73 |
| Bluefish.....do.... | 114 | 243 | 119 | 182 | 62 | 15 |
| Butterfish.....do.... | 214 | 126 | 72 | 92 | 61 | 11 |
| Carp.....number.. | 1,214 | 1,593 | 146 | 2,726 | 2,718 | 2,021 |
| Catfish.....bunches.. | 4,045 | 1,006 | 3,888 | 6,353 | 5,760 | 1,510 |
| Croakers.....barrels.. | 337 | 348 | 170 | 161 | 98 | 26 |
| Eels.....bunches.. | 324 | 311 | 472 | 753 | 844 | 291 |
| Flounders.....do.... | 416 | 673 | 927 | 2,158 | | 753 |
| Melons.....number.. | 1,000 | 295,370 | 129,768 | | | |
| Cantaloupes.....do.... | 203 | 3,700 | | | | |
| Mackerel.....barrels.. | 118 | 161 | 127 | 109 | 109 | 85 |
| Mullet.....do.... | 1 | 1 | 33 | 49 | 64 | 77 |
| Perch.....bunches.. | 531 | 145 | 1,828 | 5,761 | 6,124 | 2,432 |
| Potatoes.....barrels.. | | 125 | 160 | 300 | 828 | |
| Rockfish.....bunches.. | 1,813 | 1,044 | 3,618 | 9,138 | 1,074 | 2,930 |
| Pike.....do.... | 1 | | 144 | 471 | 1,029 | 400 |
| Trout.....barrels.. | 1,055 | 1,571 | 1,555 | 1,347 | 748 | 387 |
| Whiting.....do.... | 55 | | 80 | 153 | 647 | 348 |
| Oysters.....bushels.. | 804 | 1,103 | 27,972 | 65,825 | 72,256 | 49,138 |
| Clams.....gallons.. | 154 | 180 | 4,247 | 12,796 | 15,464 | 20,844 |
| Crabs.....barrels.. | 1,037 | 851 | 596 | 301 | 164 | 128 |
| Crab meat.....do.... | 3,519 | 3,558 | 1,672 | 324 | 14 | 1 |
| Pollock.....do.... | 349 | 279 | 159 | 202 | 81 | 43 |
| Spots.....boxes.... | 16 | 36 | 45 | 60 | 64 | 41 |
| Halibut.....do.... | 34 | 70 | 91 | 90 | 80 | |
| Sheepshead.....pounds.. | 31 | 49 | 47 | 87 | 178 | 68 |
| Sturgeon.....do.... | 9 | 23 | | 14 | 14 | 1 |
| Cod.....number.. | 25 | 41 | 8 | 4 | 2 | |
| Porgies.....boxes.... | 2 | 20 | 9 | 8 | 30 | 10 |
| Frogs.....barrels.. | 8 | 17 | 1 | 2 | | |
| Soft crabs.....do.... | 2 | 118 | | | | |
| Ducks.....number.. | 11 | 8 | 7 | | | |
| Mudshad.....do.... | | | | 19 | 2,751 | 3,457 |
| Mudshad.....barrels.. | | | | 114 | 77 | 91 |
| Haddock.....boxes.... | | | | 9 | | 2 |
| Salmon.....do.... | | | | 10 | 22 | 18 |
| Shrimp.....gallons.. | | | | 44 | | |
| Lings.....boxes.... | | | | 34 | 300 | 115 |
| Quail.....number.. | | | | | 86 | |
| Rabbits.....do.... | | | | | 316 | 363 |
| Terrapin.....do.... | | | | | 15 | 17 |

| Articles. | 1911 | | | | | | Total. |
|------------------------|--------|--------|--------|--------|-------|-------|---------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Bass.....barrels.. | 143 | 112 | 142 | 23 | 112 | 90 | 1,138 |
| Bluefish.....do.... | 10 | 13 | 8 | | 65 | 114 | 945 |
| Butterfish.....do.... | 8 | 6 | 1 | 1 | 212 | 209 | 1,013 |
| Carp.....number.. | 4,202 | 2,065 | 263 | 3,078 | 3,404 | 1,322 | 24,749 |
| Catfish.....bunches.. | 3,833 | 3,804 | 6,042 | 9,234 | 5,362 | 2,023 | 52,860 |
| Croakers.....barrels.. | 78 | 11 | 10 | 478 | 730 | 400 | 2,847 |
| Eels.....bunches.. | 373 | 446 | 723 | 872 | 677 | 296 | 6,382 |
| Flounders.....do.... | 593 | 1,350 | 1,821 | 2,013 | 2,204 | 3,001 | 15,909 |
| Melons.....number.. | | | | | | | 426,138 |
| Cantaloupes.....do.... | | | | | | | 3,903 |
| Mackerel.....barrels.. | 130 | 67 | 116 | 51 | 46 | 109 | 1,228 |
| Mullet.....do.... | 204 | 80 | 37 | 9 | 3 | | 558 |
| Perch.....bunches.. | 4,931 | 4,766 | 12,866 | 11,181 | 2,678 | 1,126 | 54,669 |
| Potatoes.....barrels.. | | | | | | | 1,413 |
| Rockfish.....bunches.. | 1,520 | 1,938 | 5,607 | 4,714 | 2,588 | 2,081 | 38,065 |
| Pike.....do.... | 1,006 | 584 | 434 | 139 | 4 | | 4,212 |
| Trout.....barrels.. | 206 | 200 | 236 | 168 | 2,624 | 2,745 | 12,842 |
| Whiting.....do.... | 438 | 355 | 319 | 3 | 52 | 15 | 2,465 |
| Oysters.....bushels.. | 76,014 | 40,529 | 47,393 | 27,663 | 2,490 | 927 | 412,114 |
| Clams.....gallons.. | 10,385 | 8,501 | 8,188 | 4,031 | 325 | 148 | 85,263 |
| Crabs.....barrels.. | 308 | 148 | 225 | 509 | 1,150 | 1,052 | 6,469 |
| Crab meat.....do.... | 1 | 54 | 55 | 80 | 125 | 1,118 | 11,876 |
| Pollock.....boxes.... | 46 | 24 | 34 | 14 | 547 | 427 | 2,401 |
| Spots.....do.... | 50 | 55 | 81 | 109 | 85 | 28 | 437 |
| Halibut.....pounds.. | | | | 109 | 20 | 77 | 773 |
| Sheepshead.....do.... | 3 | 27 | 3 | | | 38 | 666 |
| | | | | | | | 132 |

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year ending June 30, 1911—Continued.

ARRIVALS—Continued.

| Articles. | 1911 | | | | | | Total. |
|--------------------------|--------|---------|---------|-----------|---------|-------|-----------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Sturgeon.....number. | | | 35 | 15 | 7 | 39 | 176 |
| Cod.....boxes. | 14 | 14 | | | | 1 | 108 |
| Porgies.....barrels. | | | | | 9 | 26 | 63 |
| Frogs.....boxes. | | | | | | | 120 |
| Soft crabs.....do. | | | | 21 | 437 | 469 | 953 |
| Ducks.....number. | 407 | 146 | 50 | | | | 6,330 |
| Mudshad.....barrels. | 151 | 23 | 8 | 4 | | | 468 |
| Haddock.....boxes. | 50 | 55 | 44 | 7 | 47 | | 214 |
| Salmon.....do. | 13 | 5 | 8 | | 4 | | 80 |
| Shrimp.....gallons. | | | | | | | 44 |
| Lings.....boxes. | 3 | 1 | 4 | | | | 457 |
| Quail.....number. | 72 | | | | | | 86 |
| Rabbits.....do. | 29 | 3 | 2 | | | | 751 |
| Terrapin.....do. | | | | | | | 66 |
| Shad.....do. | 1,354 | 5,660 | 80,928 | 235,025 | 73,180 | 68 | 396,215 |
| Herring.....do. | 32,664 | 141,608 | 477,728 | 1,787,074 | 828,088 | 1,656 | 3,268,818 |
| Jacks.....do. | 12 | 3,790 | 17,124 | 8,361 | 383 | | 29,670 |
| Scallops.....gallons. | 326 | | | | | | 326 |
| Smelts.....boxes. | 276 | 217 | 139 | | | | 632 |
| Siscoes.....do. | 10 | | 10 | | | | 20 |
| Chickens.....number. | 13 | | | | | | 13 |
| Drums.....barrels. | 10 | | | 11 | | | 21 |
| Kingfish.....do. | | | | 37 | 11 | | 48 |
| Herring roe.....gallons. | | | | 10 | | | 10 |
| Turtles.....number. | | | | | 62 | | 62 |
| Hogfish.....boxes. | | | | | 11 | | 11 |

INSPECTIONS.

| Article. | 1910 | | | | | |
|-----------------------|-------|---------|--------|--------|--------|--------|
| | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| Bass.....barrels. | 11 | 94 | 64 | 58 | 82 | 59 |
| Bluefish.....do. | 113 | 190 | 112 | 134 | 47 | 10 |
| Butterfish.....do. | 176 | 104 | 13 | 70 | 51 | 7 |
| Carp.....number. | 918 | 1,083 | 105 | 2,116 | 2,252 | 1,780 |
| Catfish.....bunches. | 1,072 | 992 | 2,489 | 5,253 | 4,675 | 1,294 |
| Croakers.....barrels. | 227 | 253 | 134 | 120 | 79 | 17 |
| Fels.....bunches. | 218 | 233 | 361 | 555 | 564 | 251 |
| Flounders.....do. | 286 | 497 | 121 | 1,111 | 2,235 | 611 |
| Melons.....number. | 700 | 262,167 | 96,675 | | | |
| Cantaloupes.....do. | 152 | 2,750 | | | | |
| Mackerel.....barrels. | 124 | 131 | 105 | 78 | 78 | 64 |
| Mullet.....do. | 1 | 1 | 31 | 32 | 51 | 60 |
| Perch.....bunches. | 584 | 550 | 1,403 | 4,206 | 5,341 | 2,130 |
| Potatoes.....barrels. | | 120 | 134 | 300 | 795 | |
| Rockfish.....bunches. | 1,246 | 1,107 | 2,823 | 7,865 | 6,011 | 2,423 |
| Pike.....do. | 1 | | 115 | 471 | 754 | 329 |
| Trout.....barrels. | 763 | 1,129 | 1,182 | 1,018 | 581 | 301 |
| Whiting.....do. | 29 | | 67 | 114 | 495 | 278 |
| Oysters.....bushels. | 554 | 855 | 22,283 | 57,384 | 65,348 | 43,234 |
| Oysters.....gallons. | 110 | 124 | 3,011 | 10,554 | 13,585 | 14,455 |
| Clams.....barrels. | 849 | 593 | 448 | 231 | 112 | 89 |
| Crabs.....do. | 2,558 | 2,670 | 1,100 | 247 | 12 | 1 |
| Crab meat.....do. | 234 | 215 | 140 | 147 | 56 | 33 |
| Pollock.....boxes. | 15 | 36 | 30 | 45 | 51 | 33 |
| Spots.....do. | 26 | 65 | 80 | 69 | 25 | |
| Halibut.....pounds. | 27 | 33 | 30 | 65 | 107 | 51 |
| Sheepshead.....do. | 7 | 20 | | 10 | 9 | 1 |
| Sturgeon.....number. | 25 | 35 | 5 | 4 | 2 | |
| Cod.....boxes. | | 15 | 5 | 8 | 23 | 8 |
| Porgies.....barrels. | | 14 | 1 | 2 | | |
| Frogs.....boxes. | | 90 | | | | |
| Soft crabs.....do. | 1 | 5 | 4 | | | |
| Ducks.....number. | | | | 19 | 2,230 | 2,755 |
| Mudshad.....barrels. | | | | 86 | 60 | 87 |
| Haddock.....boxes. | | | | 6 | | |
| Salmon.....do. | | | | 9 | 20 | 17 |
| Shrimp.....gallons. | | | | 44 | | |
| Lings.....boxes. | | | | 24 | 293 | 94 |
| Quails.....number. | | | | | 84 | |
| Rabbits.....do. | | | | | 250 | 282 |
| Terrapin.....do. | | | | | 5 | 17 |

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year ending June 30, 1911—Continued.

INSPECTIONS—Continued.

| Articles. | 1911 | | | | | | Total. |
|-------------------------|--------|---------|---------|-----------|---------|-------|-----------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Bass.....barrels | 143 | 64 | 104 | 20 | 93 | 76 | 868 |
| Bluefish.....do | 10 | 10 | 7 | | 62 | 94 | 789 |
| Butt fish.....do | 8 | 6 | 1 | 1 | 178 | 186 | 801 |
| Carp.....number | 4,202 | 1,556 | 1,895 | 2,552 | 2,981 | 1,163 | 22,603 |
| Catfish.....bunches | 3,833 | 3,098 | 5,348 | 7,955 | 4,698 | 1,804 | 42,511 |
| Crokers.....barrels | 78 | 8 | 6 | 362 | 593 | 342 | 2,219 |
| Eels.....bunches | 373 | 324 | 576 | 687 | 537 | 259 | 4,938 |
| Flounders.....do | 593 | 994 | 1,559 | 1,633 | 1,856 | 2,658 | 14,154 |
| Melons.....number | | | | | | | 359,542 |
| Cantaloupes.....do | | | | | | | 2,902 |
| Mackerel.....barrels | 130 | 44 | 79 | 35 | 44 | 83 | 995 |
| Mullet.....do | 204 | 63 | 27 | 8 | 3 | | 481 |
| Perch.....bunches | 4,931 | 3,948 | 11,169 | 9,665 | 2,324 | 959 | 47,210 |
| Potatoes.....barrels | | | | | | | 1,349 |
| Rockfish.....bunches | 1,520 | 1,569 | 4,065 | 3,946 | 2,231 | 1,854 | 36,660 |
| Pike.....do | 1,066 | 451 | 316 | 112 | 4 | | 3,559 |
| Trout.....barrels | 206 | 156 | 177 | 118 | 2,308 | 1,563 | 9,502 |
| Whiting.....do | 458 | 247 | 255 | 2 | 56 | 13 | 1,994 |
| Oysters.....bushels | 76,014 | 35,535 | 42,732 | 24,006 | 2,141 | 777 | 370,883 |
| Oysters.....gallons | 10,385 | 6,995 | 7,167 | 3,341 | 276 | 135 | 70,138 |
| Clams.....barrels | 308 | 100 | 167 | 387 | 1,004 | 924 | 5,212 |
| Crabs.....do | 1 | 10 | 20 | 45 | 940 | 1,409 | 9,013 |
| Crab meat.....do | 54 | 42 | 56 | 89 | 376 | 350 | 1,792 |
| Pollock.....boxes | 46 | 22 | 22 | 14 | 37 | 7 | 358 |
| Spots.....do | | 8 | 5 | | 18 | 25 | 321 |
| Halibut.....pounds | 50 | 34 | 71 | 101 | 53 | 60 | 682 |
| Sheepshead.....do | 3 | 10 | 3 | | | 30 | 93 |
| Sturgeon.....number | | | | 15 | 81 | 32 | 199 |
| Cod.....boxes | 14 | 12 | 24 | 15 | 7 | 1 | 132 |
| Porgies.....barrels | | | | | 8 | 23 | 48 |
| Frogs.....boxes | | | | | | | 90 |
| Soft crabs.....do | | | | 17 | 353 | 382 | 762 |
| Ducks.....number | 447 | 125 | 46 | | | | 5,622 |
| Mudshad.....barrels | 151 | 18 | 10 | 4 | | | 407 |
| Haddock.....boxes | 56 | 42 | 30 | 6 | 3 | | 143 |
| Salmon.....do | 13 | 3 | 6 | | 4 | 7 | 79 |
| Shrimp.....gallons | | | | | | | 44 |
| Lings.....boxes | 2 | 1 | 3 | | | | 417 |
| Quails.....number | | | | | | | 84 |
| Rabbits.....do | 72 | | | | | | 604 |
| Terrapin.....do | 29 | | 2 | | | | 53 |
| Shad.....do | 1,354 | 4,968 | 57,596 | 222,689 | 61,234 | 68 | 347,909 |
| Herring.....do | 32,664 | 130,989 | 477,352 | 1,627,798 | 748,292 | 1,521 | 3,018,616 |
| Jacks.....do | 12 | 3,103 | 12,979 | 7,302 | 310 | | 23,706 |
| Scallops.....gallons | 326 | | | | | | 326 |
| Smelts.....boxes | 276 | 177 | 100 | | | | 553 |
| Siscows.....do | 10 | | 9 | | | | 19 |
| Chickens.....number | 13 | | | | | | 13 |
| Drum.....barrels | 9 | | | 9 | 42 | | 60 |
| Kingfish.....do | | | | 35 | 10 | | 45 |
| Herring roe.....gallons | | | | 10 | | | 10 |
| Turtles.....number | | | | | 58 | | 59 |
| Hoofish.....boxes | | | | | 10 | | 10 |

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year ending June 30, 1911—Continued.

CONDEMNATIONS.

| Articles. | 1910 | | | | | |
|---------------------------|-------|-------|--------|------|------|------|
| | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| Bass.....barrels..... | | 4 | | 2 | | |
| Bluefish.....do..... | | 5 | 10 | 4 | 1 | 1 |
| Butterfish.....do..... | 2 | 1 | | 1 | | 1 |
| Carp.....number..... | 4 | | 8 | 15 | 4 | |
| Catfish.....bunches..... | 3 | 40 | 26 | 25 | 3 | |
| Crokers.....barrels..... | 11 | 3 | | | | |
| Eels.....bunches..... | 1 | | 1 | 7 | | |
| Flounders.....do..... | 6 | 1 | 6 | 19 | 36 | |
| Melons.....number..... | 100 | 3,453 | 17,900 | | | |
| Mackerel.....barrels..... | 2 | 1 | | 2 | | |
| Mullet.....do..... | | | 1 | 1 | | |
| Perch.....bunches..... | 22 | 3 | 25 | 16 | 4 | |
| Potatoes.....barrels..... | | | | 24 | | |
| Rockfish.....bunches..... | | | 20 | 3 | | |
| Trout.....barrels..... | 7 | 5 | 7 | 2 | 7 | 1 |
| Whiting.....do..... | | | | 1 | 2 | |
| Oysters.....bushels..... | 8 | 12 | 1,352 | 370 | 17 | |
| Oysters.....gallons..... | | | 10 | 62 | | |
| Clams.....barrels..... | 10 | 8 | 6 | | | |
| Crabs.....do..... | 100 | 204 | 120 | 9 | | |
| Crab meat.....do..... | 6 | 2 | 3 | 1 | | |
| Pollock.....boxes..... | 2 | | | 1 | 1 | |
| Spot.....do..... | 3 | | | 1 | | |
| Halibut.....pounds..... | 5 | | | | 134 | 11 |
| Sheepshead.....do..... | | | | | 1 | |
| Sturgeon.....number..... | 3 | | | | | |
| Soft crabs.....boxes..... | 2 | | | | | |
| Ducks.....number..... | | | | | 11 | 27 |
| Mudshad.....barrels..... | | | | 4 | 3 | 2 |
| Shrimp.....gallons..... | | | | 44 | | |
| Lings.....boxes..... | | | | 6 | | 2 |
| Terrapin.....number..... | | | | | | 6 |

| Article. | 1911 | | | | | | Total. |
|---------------------------|------|-------|------|------|------|-------|--------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Bass.....barrels..... | | | | 1 | | | 7 |
| Bluefish.....do..... | | | | | 10 | | 31 |
| Butterfish.....do..... | | | | | 2 | 1 | 8 |
| Carp.....number..... | | | | 4 | 100 | 10 | 145 |
| Catfish.....bunches..... | | | | 47 | 109 | 9 | 262 |
| Crokers.....barrels..... | 10 | | | | 3 | 1 | 28 |
| Eels.....bunches..... | | | | 4 | 20 | 4 | 37 |
| Flounders.....do..... | | | | 3 | 479 | 86 | 636 |
| Melons.....number..... | | | | | | | 21,453 |
| Mackerel.....barrels..... | 1 | | 3 | | 1 | | 10 |
| Mullet.....do..... | | | | | 2 | | 4 |
| Perch.....bunches..... | | | 29 | 194 | 201 | 5 | 499 |
| Potatoes.....barrels..... | | | | | | | 24 |
| Rockfish.....bunches..... | 7 | | | 1 | 20 | | 51 |
| Pike.....do..... | 8 | | | | 1 | | 9 |
| Trout.....barrels..... | | | | | 23 | 2 | 54 |
| Whiting.....do..... | | | | | 4 | | 7 |
| Oysters.....bushels..... | 30 | 2,505 | 150 | 247 | 618 | | 5,309 |
| Oysters.....gallons..... | | 1 | | 4 | | | 77 |
| Clams.....barrels..... | | | | | 2 | 2 | 28 |
| Crabs.....do..... | | | | 2 | 25 | 60 | 520 |
| Crab meat.....do..... | | | | | | 1 | 13 |
| Pollock.....boxes..... | | | | | 1 | | 5 |
| Spot.....do..... | | | | | 1 | | 5 |
| Halibut.....pounds..... | | | | 20 | 4 | 1 | 175 |
| Sheepshead.....do..... | | | | | | | 1 |
| Sturgeon.....number..... | | | | | | | 3 |
| Cod.....boxes..... | | | | 1 | | | 1 |
| Porgies.....barrels..... | | | | | 1 | 1 | 2 |
| Soft crabs.....boxes..... | | | | | | 4 | 6 |
| Ducks.....number..... | 10 | | | | | | 48 |
| Mudshad.....barrels..... | | | | | | | 9 |
| Salmon.....boxes..... | | | 1 | | | | 1 |
| Shrimp.....gallons..... | | | | | | | 44 |

Marine products received, inspected, and condemned in the District of Columbia during the fiscal year ending June 30, 1911—Continued.

CONDEMNATIONS—Continued.

| Articles. | 1911. | | | | | | Total. |
|------------------------------|-------|------|------|------|-------|-------|--------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Lings.....boxes..... | | | | | | | 8 |
| Terrapin.....number..... | | | | | | | 6 |
| Shad.....do..... | | | | 132 | 41 | | 173 |
| Herring.....do..... | | | | 483 | 8,500 | | 8,983 |
| Jacks.....do..... | | | | 5 | | | 5 |
| Smelts.....boxes..... | 13 | 5 | | | | | 18 |
| Siscos.....do..... | 1 | | | | | | 1 |
| Chickens.....number..... | 3 | | | | | | 3 |
| Drum.....barrels..... | | | | | 12 | | 12 |
| Kingfish.....do..... | | | | | 1 | | 1 |
| Herring roe.....gallons..... | | | | 10 | | | 10 |
| Turtles.....number..... | | | | | 15 | | 15 |
| Hogfish.....boxes..... | | | | | 3 | | 3 |

The condemnations of marine products in above table were made at Eleventh Street wharves.

Respectfully submitted.

A. FRANK EVANS,
Food Inspector.

Food other than marine products condemned in the District of Columbia during the fiscal year ended June 30, 1911.

| Articles | 1910 | | | | | |
|------------------------------|-------|-------|-------|------|------|------|
| | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| Beef.....pounds..... | 450 | 191 | 186 | 63 | 181 | 153 |
| Beef kidneys.....do..... | 3 | 1 | | | | 66 |
| Mutton.....do..... | 62 | 20 | 54 | 66 | 11 | 59 |
| Veal.....do..... | 40 | 13 | 10 | 21 | 128 | 47 |
| Pork.....do..... | 52 | 82 | 77 | 5 | 13 | 57 |
| Liver.....do..... | 20 | | 20 | | | 65 |
| Corned beef.....do..... | 2 | | | | | |
| Sausage.....do..... | 32 | | 1 | 907 | 8 | 24 |
| Chickens.....number..... | | 1 | 4 | | 6 | 58 |
| Turkeys.....do..... | | | | | | 26 |
| Birds.....do..... | | | | 1 | | |
| Rabbits.....do..... | | | | | | 93 |
| Apples.....bushels..... | 3½ | 1½ | 5½ | ½ | | 1½ |
| Peaches.....do..... | ½ | 9 | | 1 | | |
| Pears.....do..... | 1 | 18½ | ½ | 3½ | ½ | 3 |
| Plums.....pounds..... | | | | 10 | | |
| Bananas.....bushels..... | ½ | 7½ | | | | |
| Oranges.....dozen..... | 5 | | 13 | | 2 | 50 |
| Lemons.....do..... | 1 | | | | | |
| Grapes.....do..... | 3 | | | | | 52 |
| Berries.....pounds..... | | 18 | 6 | | | |
| Cantaloupes.....quarts..... | 314 | 8 | | | | |
| Watermelons.....number..... | 225 | 1,486 | 168 | 14 | | |
| Pineapples.....do..... | 3 | 8 | 1 | 1 | | |
| Grapefruit.....do..... | 1,211 | 13 | | | | |
| Beets.....do..... | 4 | | | | | |
| Carrots.....bunches..... | 41 | | | 10 | | |
| Celery.....do..... | 4 | | | | | 14 |
| Radishes.....do..... | | | 16 | | 2 | 2 |
| Lettuce.....do..... | 12 | | | | | |
| Cabbage.....number..... | 24 | | | 550 | 5 | |
| Cymlings.....do..... | 67 | 20 | 95 | 14 | | 11 |
| Egg plants.....do..... | | 1 | | | | |
| Cauliflower.....do..... | | 18 | 112 | 16 | 50 | |
| Corn.....do..... | | | 1,000 | 12 | 4 | 4 |
| Corn, cracked.....dozen..... | | 3 | 4 | | | |
| Cucumbers.....bushels..... | | | 1 | ½ | | |
| Kale.....dozen..... | 15½ | 13 | 2 | 6 | | |
| Spinach.....bushels..... | 1 | | | | | |

Food other than marine products condemned in the District of Columbia during the fiscal year ended June 30, 1911—Continued.

| Articles. | 1910 | | | | | |
|--|----------|------|-------|------|------|------|
| | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| Cabbage sprouts.....quarts. | | | | | 256 | |
| Potatoes.....bushels. | 45½ | | 2½ | | | 34½ |
| Peas.....do. | ½ | | | | | |
| Beans.....do. | ½ | 1½ | | ½ | | |
| Peppers.....dozen. | | | 36 | | | |
| Tomatoes.....bushels. | ½ | 1 | ½ | ½ | | |
| Persimmons.....baskets. | | | 4 | | | |
| Oatmeal.....pounds. | | | | 3 | 2 | |
| Macaroni.....do. | | | | 5 | | |
| Crab meat.....gallons. | 100 | 48 | | 5 | | |
| Scrapple and mush.....pounds. | | | | 6 | | 10 |
| Sirup.....gallons. | | 3½ | | | | |
| Sugar.....pounds. | | | 20 | | | |
| Preserves.....do. | | | | | 25 | |
| Coconuts.....number. | 14 | | | | | |
| Flour.....pounds. | | 514 | | | | |
| Ice-cream cones.....number. | 18 | 150 | 100 | | | |
| Pies.....do. | 29 | 22 | 11 | | 11 | |
| Cake.....pounds. | 8 | 5 | 95 | | | |
| Bread.....loaves. | 6 | | 2 | 71 | | |
| Sauerkraut.....barrels. | ½ | | | ½ | | ½ |
| Crackers.....pounds. | | 10 | | | | |
| Cheese.....do. | | | | 7 | 1 | |
| Miscellaneous dried fruits and confectionery.....pounds. | 173 | 168½ | 268 | 61 | 23 | 53 |
| Miscellaneous fruits and vegetables.....pounds. | 9 | 38 | 45 | 6½ | | 3 |
| Eggs.....dozen. | 7 | | | | 1 | 4 |
| Butter.....pounds. | 2 | 1 | | | 1½ | 4½ |
| Milk.....quarts. | | | | 1 | 1½ | |
| Fish..... | bunches. | 300 | 5 | | 38 | |
| | dozen. | | ½ | 3 | | 4 |
| | pounds. | 400 | 6 | | 80 | 45 |
| | barrels. | 1 | ½ | 23½ | ½ | ½ |
| Quinces.....bushels. | | | | ½ | | |
| Pickles.....barrels. | ½ | 3½ | ½ | 6 | ½ | ½ |
| Nuts.....pounds. | | 8 | 17 | | | |
| Beans, dried.....quarts. | 23 | 105 | 43 | 16 | 32 | |
| Peaches.....pounds. | 40 | | | 12 | | |
| Oysters.....bushels. | | | | 4 | | |
| Potato chips.....packages. | | | 8 | | | |
| Bacon.....pounds. | | | | | | 5 |
| Geese.....number. | | | | | | 2 |
| Pumpkins.....do. | | | | | | 5 |

| Articles. | 1911 | | | | | | Total. |
|-------------------------|------|------|------|------|------|-------|--------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Beef.....pounds. | 60 | 96 | 131 | 286 | 860 | 412 | 3,069 |
| Beef kidneys.....do. | 3 | | | | | | 73 |
| Mutton.....do. | 35½ | 59 | 72 | 48 | 187 | 315 | 988½ |
| Veal.....do. | | 12 | 12 | 18 | 16 | 150 | 467 |
| Pork.....do. | 60 | 87 | 398 | 40 | 205 | 468 | 1,544 |
| Liver.....do. | 5 | | 23 | 9 | 15 | 7 | 164 |
| Corned beef.....do. | | | | | | | 2 |
| Sausage.....do. | 15½ | 15 | 37 | 15 | 188 | 23 | 1,265½ |
| Chickens.....number. | | 24 | 2 | 2 | 87 | 1 | 185 |
| Turkeys.....do. | 1 | 3 | | | 10 | | 40 |
| Birds.....do. | 8 | | | | 2 | | 11 |
| Rabbits.....do. | | | | | | | 93 |
| Apples.....bushels. | | | | | | | 12½ |
| Peaches.....do. | | | | | | | 10½ |
| Pears.....do. | | | | | | | 26½ |
| Plums.....do. | | | | | | | 10 |
| Bananas.....bushels. | | | 1 | | | | ½ |
| Oranges.....dozen. | 14 | 4 | 1 | | 1 | 1 | 98 |
| Lemons.....do. | | 4 | 1 | | 2 | | 4 |
| Grapes.....do. | | | | | | | 7 |
| Berries.....pounds. | | | | | | | 76 |
| Cantaloupes.....quarts. | | 3 | 16 | 4 | 386 | | 731 |
| | | | | | | 4 | 1,897 |

Food other than marine products condemned in the District of Columbia during the fiscal year ended June 30, 1911—Continued.

| Articles. | 1911 | | | | | | Total. |
|--|------|------|------|------|-------|-------|--------|
| | Jan. | Feb. | Mar. | Apr. | May. | June. | |
| Watermelons.....number.. | | | | | | | 5 |
| Pineapples.....do..... | 19 | | | | | 2 | 1,245 |
| Grapefruit.....do..... | | | | | | | 4 |
| Beets.....bunches..... | | | | | | | 51 |
| Carrots.....do..... | | | 1 | | | | 19 |
| Celery.....do..... | 13 | | | | 20 | | 53 |
| Radishes.....do..... | | | | | | 12 | 24 |
| Rhubarb.....do..... | | | | | 18 | 10 | 28 |
| Lettuce.....number..... | | | | | 50 | | 629 |
| Cabbage.....do..... | 3 | 10 | 20 | 85 | 1,705 | 21 | 2,061 |
| Cymlings.....do..... | | | | | | | 1 |
| Eggplants.....do..... | | | 28 | | 12 | 480 | 716 |
| Cauliflower.....do..... | | | | | | 5 | 1,025 |
| Corn.....dozen..... | | | | | | | 7 |
| Corn, cracked.....bushels..... | | | | | | | 1½ |
| Cucumbers.....dozen..... | | | | | 13 | 97 | 146½ |
| Kale.....bushels..... | | 1 | | 2 | | 4 | 8 |
| Spinach.....do..... | | | | | | | ½ |
| Cabbage sprouts.....quarts..... | | | | | 1 | | 256 |
| Potatoes.....bushels..... | 125 | 1½ | | | | 26½ | 236½ |
| Peas.....do..... | | 2 | | | | 42½ | 44½ |
| Beans.....do..... | | | | | | 10½ | 13 |
| Turnips.....do..... | | | ½ | | | | ½ |
| Peppers.....dozen..... | 6 | 2 | | | | | 44 |
| Tomatoes.....bushels..... | | | | 5½ | 1½ | ½ | 9½ |
| Onions.....do..... | | | | | | ½ | ½ |
| Persimmons.....baskets..... | | | | | | | 4 |
| Oatmeal.....pounds..... | | | | | | | 5 |
| Macaroni.....do..... | | | | | | | 5 |
| Crab meat.....gallons..... | | | | | | 9 | 162 |
| Scrapple and mush.....pounds..... | | | 6 | 3 | | | 25 |
| Sirup.....gallons..... | | | | | | | 3½ |
| Sugar.....pounds..... | | | | | | | 20 |
| Preserves.....do..... | | | 10 | | | 20 | 55 |
| Coconuts.....number..... | | | | | | | 14 |
| Flour.....pounds..... | | | | | | | 514 |
| Ice-cream cones.....number..... | | | | | | | 268 |
| Pies.....do..... | | 5 | 2 | | 11 | 5 | 96 |
| Cake.....pounds..... | | | 45 | 5 | | | 158 |
| Bread.....loaves..... | | | | | 18 | 10 | 107 |
| Sauerkraut.....barrels..... | | 1½ | 9 | 7½ | 1 | ½ | 19 |
| Crackers.....pounds..... | | | | | 17 | | 27 |
| Cheese.....do..... | | | 5 | 7 | | | 12 |
| Miscellaneous dried fruits and confectionery.....pounds..... | 20 | 11 | 69 | 25 | | 121 | 992½ |
| Miscellaneous fruits and vegetables.....bushels..... | 1 | | 5½ | 1½ | 1½ | | 9½ |
| Eggs.....dozen..... | | | | | | | 11 |
| Butter.....pounds..... | ½ | | | | | | 9 |
| Milk.....quarts..... | | | 4 | | 1 | | 7½ |
| Fish.....bunches..... | 8 | 1 | 24 | 70 | 45 | | 491 |
| Fish.....dozen..... | | | 5 | | 6 | | 21 |
| Fish.....pounds..... | 25 | | 36 | 15 | 270 | 1,180 | 2,057 |
| Fish.....barrels..... | | | 4 | | 2½ | 1½ | 109½ |
| Quinces.....bushels..... | | | | | | | ½ |
| Pickles.....barrels..... | | 1½ | 1 | ½ | ½ | ½ | 15½ |
| Nuts.....pounds..... | | | 4 | | | | 29 |
| Beans, dried.....quarts..... | | | | | | | 219 |
| Peaches.....pounds..... | | | | | | 10 | 62 |
| Oysters.....bushels..... | 1 | ½ | 1 | ½ | | | 6½ |
| Potato chips.....packages..... | | | | | | | 8 |
| Bacon.....pounds..... | | | | | 200 | 4 | 209 |
| Geese.....number..... | | | | | | | 2 |
| Pumpkins.....do..... | 6 | | | | | | 11 |
| Keats.....do..... | 2 | | | | | | 2 |
| Codfish.....pounds..... | 2 | | | | | 50 | 52 |
| Mustard.....barrels..... | | | | | ½ | | ½ |
| Hominy.....bushels..... | | | ½ | | | | ½ |
| Tripe.....pounds..... | | 10 | | | | | 10 |

Summary of inspection of places where food is prepared for sale and sold for the year ending June 30, 1911.

| | 1910 | | | | | |
|--------------------------------------|----------|----------|------------|----------|-----------|-----------|
| | July. | August. | September. | October. | November. | December. |
| Dairies..... | 95 | 100 | 147 | 88 | 111 | 28 |
| Groceries..... | 1,021 | 665 | 552 | 837 | 610 | 980 |
| Confectioners..... | 154 | 86 | 117 | 200 | 84 | 146 |
| Bakeries..... | 25 | 14 | 49 | 33 | 8 | 3 |
| Markets..... | 127 | 119 | 113 | 155 | 123 | 186 |
| Hucksters..... | 435 | 131 | 188 | 417 | 51 | 45 |
| Total..... | 1,859 | 1,115 | 1,166 | 1,730 | 987 | 1,388 |
| Cases in court..... | 107 | 90 | 71 | 75 | 46 | 46 |
| Fines and forfeitures..... | \$433.00 | \$341.50 | \$292.00 | \$285.00 | \$149.00 | \$172.00 |
| Ratio of inspections to prosecutions | 17.3 | 12.3 | 16.4 | 23.0 | 21.4 | 30.1 |

| | 1911 | | | | | | Total. |
|--------------------------------------|----------|-----------|----------|----------|---------|----------|------------|
| | January. | February. | March. | April. | May. | June. | |
| Dairies..... | 57 | 127 | 80 | 112 | 58 | 68 | 1,071 |
| Groceries..... | 74 | 647 | 771 | 629 | 644 | 738 | 8,835 |
| Confectioners..... | 120 | 91 | 131 | 102 | 66 | 107 | 1,404 |
| Bakeries..... | 18 | 31 | 19 | 22 | 21 | 34 | 277 |
| Markets..... | 156 | 143 | 163 | 146 | 151 | 185 | 1,763 |
| Hucksters..... | 465 | 275 | 251 | 255 | 269 | 210 | 2,994 |
| Total..... | 1,557 | 1,314 | 1,415 | 1,266 | 1,209 | 1,342 | 16,344 |
| Cases in court..... | 53 | 40 | 47 | 31 | 23 | 42 | 670 |
| Fines and forfeitures..... | \$184.00 | \$209.00 | \$219.00 | \$166.00 | \$96.00 | \$193.00 | \$2,739.50 |
| Ratio of inspections to prosecutions | 29.3 | 32.8 | 30.1 | 40.8 | 52.6 | 31.9 | 24.39 |

Statement showing the number and kinds of animals impounded during the fiscal year ended June 30, 1911, and the manner in which such animals were disposed of.

IMPOUNDED.

| Month. | Horses. | Mules. | Cows. | Hogs. | Goats. | Dogs. | Cats. | Requests responded to for removal of animals. | Total. |
|----------------|---------|--------|-------|-------|--------|-------|-------|---|--------|
| 1910. | | | | | | | | | |
| July..... | | | | | 1 | 563 | 249 | 294 | 813 |
| August..... | 2 | | 1 | | | 726 | 173 | 398 | 902 |
| September..... | | | | | | 491 | 110 | 178 | 601 |
| October..... | | | | | | 455 | 62 | 134 | 524 |
| November..... | 7 | | 7 | | | 393 | 21 | 92 | 424 |
| December..... | 1 | 1 | | | | 299 | 26 | 99 | 327 |
| 1911. | | | | | | | | | |
| January..... | | | | | | 454 | 18 | 124 | 472 |
| February..... | | | 1 | | 1 | 372 | 38 | 111 | 412 |
| March..... | | | | | | 436 | 92 | 127 | 528 |
| April..... | | | | | | 388 | 141 | 125 | 529 |
| May..... | 1 | | | | | 473 | 179 | 254 | 653 |
| June..... | | | | | | 481 | 166 | 273 | 645 |
| Total..... | 11 | 1 | 9 | | 5 | 5,531 | 1,275 | 2,199 | 6,833 |

Statement showing the number and kinds of animals impounded during the fiscal year ended June 30, 1911, and the manner in which such animals were disposed of—Con.

DISPOSITION.

| Month. | Redeemed. | Killed. | Dogs killed. | Returned. | Sold. | In pound. |
|----------------|-----------|---------|--------------|-----------|-------|-----------|
| 1910. | | | | | | |
| July..... | 25 | 782 | 532 | ..... | 6 | ..... |
| August..... | 32 | 842 | 669 | 1 | 27 | ..... |
| September..... | 80 | 494 | 384 | ..... | 27 | ..... |
| October..... | 143 | 351 | 289 | ..... | 30 | ..... |
| November..... | 123 | 280 | 259 | 2 | 19 | ..... |
| December..... | 44 | 265 | 238 | ..... | 18 | ..... |
| 1911. | | | | | | |
| January..... | 98 | 363 | 345 | ..... | 11 | ..... |
| February..... | 64 | 340 | 302 | 1 | 7 | ..... |
| March..... | 92 | 411 | 319 | 1 | 24 | ..... |
| April..... | 65 | 454 | 313 | ..... | 10 | ..... |
| May..... | 63 | 494 | 328 | 1 | 8 | ..... |
| June..... | 26 | 658 | 476 | 1 | 17 | ..... |
| Total..... | 855 | 5,734 | 4,454 | 7 | 204 | ..... |

AMOUNTS RECEIVED.

| Month. | For food. | For fees. | From sales. | Total. |
|----------------|-----------|-----------|-------------|----------|
| 1910. | | | | |
| July..... | ..... | \$50.00 | \$12.00 | \$62.00 |
| August..... | \$0.25 | 64.00 | 30.00 | 94.25 |
| September..... | ..... | 160.00 | 33.00 | 193.00 |
| October..... | ..... | 286.00 | 31.50 | 317.50 |
| November..... | 1.00 | 246.00 | 20.00 | 267.00 |
| December..... | ..... | 88.00 | 16.50 | 104.50 |
| 1911. | | | | |
| January..... | ..... | 196.00 | 16.00 | 212.00 |
| February..... | .25 | 128.00 | 14.00 | 142.25 |
| March..... | ..... | 184.00 | 21.00 | 205.00 |
| April..... | ..... | 130.00 | 20.00 | 150.00 |
| May..... | ..... | 126.00 | 13.00 | 139.00 |
| June..... | ..... | 52.00 | 31.00 | 83.00 |
| Total..... | 1.50 | 1,710.00 | 268.00 | 1,969.50 |

DOGS COLLECTED.

| | | | |
|----------------|-----|---------------|-----|
| 1910. | | 1911. | |
| July..... | 294 | January..... | 124 |
| August..... | 398 | February..... | 111 |
| September..... | 178 | March..... | 127 |
| October..... | 134 | April..... | 125 |
| November..... | 92 | May..... | 254 |
| December..... | 99 | June..... | 273 |
| Total..... | | 2,199 | |

Outline of average annual and daily work of the health department, fiscal years 1909-10 and 1910-11.

CLERICAL SERVICE.

| Units of work. | Annual average. | | Daily average. | |
|---|-----------------|----------|----------------|---------|
| | 1910 | 1911 | 1910 | 1911 |
| Letters received..... | 10,164 | 10,099 | 33.2 | 33.0 |
| Letters sent..... | 22,914 | 13,054 | 74.8 | 42.7 |
| Oral complaints received..... | 3,971 | 3,795 | 13 | 12.99 |
| Special reports indexed..... | 2,793 | 1,743 | 9 | 5.7 |
| Employees..... | 8 | 8 | ..... | ..... |
| Total cost of service..... | \$10,220 | \$10,220 | \$33.39 | \$33.39 |
| Total cost of incidentals..... | \$1,500 | \$1,400 | \$4.90 | \$4.58 |
| Total cost, exclusive of undistributed cost of supervision..... | \$11,720 | \$11,620 | \$38.30 | \$37.97 |

Outline of average annual and daily work of the health department, fiscal years 1909-10 and 1910-11—Continued.

CLERICAL SERVICE—Continued.

| Units of work. | Annual average. | | Daily average. | |
|---|-----------------|---------|----------------|---------|
| | 1910 | 1911 | 1910 | 1911 |
| <i>Vital statistics.</i> | | | | |
| Death certificates filed: | | | | |
| Local..... | 6,321 | 6,328 | 20.6 | 20.6 |
| Foreign..... | 520 | 562 | 1.7 | 1.8 |
| Birth certificates filed..... | 7,114 | 6,965 | 23.2 | 22.8 |
| Stillbirth certificates filed..... | 556 | 537 | 1.8 | 1.8 |
| Transcripts issued..... | 914 | 993 | 3 | 3 |
| Burial and disinterment permits issued and subsequently received and filed..... | 7,678 | 7,703 | 25 | 25.2 |
| Collected from transcripts..... | \$405 | \$452 | \$1.32 | \$1.47 |
| Employees..... | 3 | 3 | | |
| Cost of service..... | \$3,400 | \$3,400 | \$11.11 | \$11.11 |
| Cost of incidentals (approximate)..... | \$550 | \$500 | \$1.79 | \$1.63 |
| Total cost, exclusive of undistributed cost of supervision..... | \$3,950 | \$3,900 | \$12.90 | \$12.75 |

INSPECTION SERVICE.¹

| Units of work. | Annual average. | | Daily average. | | Daily average per inspector. | |
|---|-----------------|---------|----------------|---------|------------------------------|--------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| <i>Sanitary inspection.</i> | | | | | | |
| Complaints acted upon..... | 9,925 | 8,146 | 32 | 26 | 3 | 3.2 |
| House-to-house inspection..... | 5,502 | 4,727 | 18 | 15 | 1.7 | 1.7 |
| Barber shops inspected..... | 645 | 513 | | | | |
| Inspections..... | 2,404 | 1,641 | 8 | 5 | 0.7 | 0.6 |
| Stables inspected..... | 696 | 1,389 | | | | |
| Total inspectors..... | 11 | 8 | | | | |
| Total salaries..... | \$12,100 | \$8,800 | \$33.15 | \$24.10 | \$3.01 | \$3.01 |
| Cost of incidentals (approximate)..... | \$542 | \$312 | \$1.48 | \$0.85 | \$0.13 | \$0.10 |
| Total cost of general sanitary service, exclusive of undistributed cost of supervision..... | \$12,642 | \$9,112 | \$34.63 | \$24.96 | \$3.14 | \$3.12 |
| <i>Smoke inspection.</i> | | | | | | |
| Places under observation..... | 412 | 401 | | | | |
| Observations..... | 10,296 | 9,716 | 33.7 | 30.5 | 33.7 | 30.5 |
| Inspectors..... | 1 | 1 | | | | |
| Total salaries..... | \$1,200 | \$1,200 | \$3.26 | \$3.28 | \$3.26 | \$3.28 |
| Cost of incidentals (approximate)..... | \$48 | \$38 | \$0.13 | \$0.10 | \$0.13 | \$0.10 |
| Total cost of service, exclusive of undistributed cost of supervision..... | \$1,248 | \$1,238 | \$3.39 | \$3.38 | \$3.39 | \$3.38 |

¹ The above table shows that there were less inspections made of barber shops and less house-to-house inspections than last year. This was due to an emergency which arose in the contagious-disease service which necessitated the assignment of the entire sanitary-inspection force to assist in that work, which consisted mainly of placarding premises and collecting necessary information from persons residing on premises where cases of diphtheria, scarlet fever, typhoid fever, and tuberculosis existed.

Outline of average annual and daily work of the health department, 1910 and 1911.

FOOD INSPECTION.

| | Annual average. | | Daily average. | | Daily average per inspector. | |
|---|-----------------|------------|----------------|---------|------------------------------|--------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| Dairy farm inspection: | | | | | | |
| Farms inspected..... | 1,081 | 1,130 | | | | |
| Inspections..... | 4,090 | 4,349 | 13.36 | 14.21 | 2.22 | 2.35 |
| Inspectors..... | 6 | 6 | | | | |
| Total salaries..... | \$6,200 | \$6,200 | \$20.26 | \$20.26 | \$3.37 | \$3.37 |
| Cost of traveling expenses and incidentals (approximate)..... | \$4,038.04 | \$3,705.10 | \$13.18 | \$12.10 | \$2.19 | \$2.01 |
| Total cost, exclusive of undistributed cost of supervision..... | \$10,238.04 | \$9,905.10 | \$33.44 | \$32.36 | \$5.57 | \$5.39 |
| Chemical laboratory: | | | | | | |
| Samples analyzed..... | 7,309 | 6,482 | 23.88 | 21.17 | 11.94 | 10.57 |
| Samples of food..... | 6,782 | 6,132 | 22.18 | 20.03 | 11.09 | 10.01 |
| Samples of water..... | 414 | 291 | 1.35 | .95 | .67 | .47 |
| Samples, miscellaneous..... | 113 | 59 | .37 | .19 | .18 | .10 |
| Employees..... | 2 | 2 | | | | |
| Cost of incidentals..... | \$729.71 | \$690.38 | \$2.38 | \$2.25 | \$1.19 | \$1.12 |
| Salaries..... | \$3,000.00 | \$3,000.00 | \$9.80 | \$9.80 | \$4.90 | \$4.90 |
| Total cost, exclusive of undistributed cost of supervision..... | \$3,729.71 | \$3,690.38 | \$12.18 | \$12.06 | \$6.09 | \$6.03 |
| Markets, stores, lunch rooms, bakeries, etc..... | 4,343 | 3,331 | 11.05 | 10.88 | 5.52 | 4.47 |
| Inspected..... | 4,356 | 4,343 | | | | |
| Inspectors..... | 34,478 | 21,874 | 83.4 | 71.48 | 20.9 | 17.87 |
| Total salaries..... | \$4,800 | \$4,800 | \$15.70 | \$15.70 | \$3.92 | \$3.92 |
| Cost of incidentals (approximate)..... | \$120 | \$120 | \$0.392 | \$0.39 | \$0.98 | \$0.98 |
| Total cost, exclusive of undistributed cost of supervision..... | \$4,920 | \$4,920 | \$16.09 | \$16.09 | \$4.02 | \$4.17 |

POUND SERVICE.

| Units of work. | 1910 | 1911 | Daily average. | |
|---|------------|------------|----------------|---------|
| | | | 1910 | 1911 |
| Animals impounded..... | \$6,393 | \$6,833 | 17.5 | 18.7 |
| Animals collected..... | \$1,868 | \$2,199 | 5.1 | 6 |
| Fees collected..... | \$1,105.35 | \$1,728.00 | \$3.03 | \$4.76 |
| Employees..... | 19 | 7 | | |
| Total cost of service..... | \$5,175.00 | \$5,100.00 | \$14.08 | \$13.97 |
| Cost of incidentals (approximate)..... | \$1,902.11 | \$1,116.00 | | |
| Total cost, exclusive of undistributed cost of supervision..... | \$7,077.11 | \$6,216.00 | | |

¹ Fifty days' service of two extra laborers.

Outline of average annual and daily work of the health department, fiscal years 1907-8, 1908-9, 1909-10, and 1910-11.

CONTAGIOUS-DISEASE SERVICE.

| | Annual amount of work. | | | | Daily average. | | | | Daily average per inspector. | | | |
|---|------------------------|--------|---------|---------|----------------|--------|---------|---------|------------------------------|--------|---------|---------|
| | 1907-8 | 1908-9 | 1909-10 | 1910-11 | 1907-8 | 1908-9 | 1909-10 | 1910-11 | 1907-8 | 1908-9 | 1909-10 | 1910-11 |
| Cases reported: | | | | | | | | | | | | |
| Tuberculosis..... | 922 | 736 | 1,367 | 1,272 | 2.5 | 2.0 | 3.7 | 3.5 | 0.5 | 0.4 | 0.28 | 1.6 |
| Typhoid fever..... | 716 | 292 | 641 | 727 | 2.0 | .8 | 1.8 | 2.0 | .39 | .16 | .14 | .94 |
| Scarlet fever..... | 149 | 426 | 1,348 | 312 | .5 | 1.2 | 3.7 | .85 | .081 | .23 | .29 | .4 |
| Measles..... | 404 | 6,379 | 264 | 3,245 | 1.1 | 17.5 | .72 | 8.9 | .22 | 3.5 | .06 | 4.2 |
| Diphtheria..... | 314 | 219 | 524 | 454 | .86 | .6 | 1.4 | 1.2 | .17 | .12 | .10 | .6 |
| Whooping cough..... | 170 | 326 | 656 | 643 | .47 | .9 | 1.8 | 1.8 | .093 | .17 | .14 | .8 |
| Epidemic cerebro-spinal meningitis..... | 4 | 10 | 5 | 10 | .02 | .03 | .14 | .03 | .002 | .005 | .01 | .01 |
| Chicken pox..... | 142 | 391 | 807 | 620 | .39 | 1.07 | 2.2 | 1.7 | .078 | .21 | .17 | .8 |
| Leprosy..... | 1 | 0 | 0 | 1 | .003 | .0 | .0 | .003 | .0005 | .0 | .0 | .001 |
| Glanders..... | 0 | 1 | 0 | 1 | .0 | .003 | .0 | .003 | .0 | .0005 | .0 | .001 |
| Smallpox..... | 13 | 12 | 96 | 49 | .04 | .03 | .26 | .11 | .007 | .006 | .02 | .06 |

NOTE.—In view of the limited appropriation for personal services in connection with the enforcement of the contagious-disease law, the duty of placarding houses for diphtheria and scarlet fever and of investigating the origin of reported cases of typhoid fever was assigned to the sanitary inspection force. The duty of arranging for disinfection was assigned to an inspector paid out of the appropriation for the maintenance of the disinfecting service. The apparent increase in the work done in 1910, in the contagious-disease service, per inspector per day, is therefore apparent and not real.

Outline of average annual and daily work of the health department, fiscal years 1907-8, 1908-9, 1909-10, 1910-11—Continued.

| | |
|----------------------|----|
| Inspectors..... | 6 |
| Watchmen..... | 16 |
| Laborers..... | 3 |
| Janitors..... | 2 |
| Nurses..... | 4 |
| Bacteriologists..... | 2 |

Total..... 33

Total cost of personal service..... \$10,072.19
Cost of transportation and incidentals (approximate)..... 8,776.98

Total cost of contagious-disease service, exclusive of undistributed cost of supervision..... 18,849.17

DISINFECTING SERVICE.

| | |
|-----------------------------------|-------|
| Premises disinfected..... | 1,666 |
| Employees..... | 5 |
| Total days' service rendered..... | 1,140 |

Cost of disinfection service:

| | |
|------------------|------------|
| Salaries..... | \$3,234.52 |
| Incidentals..... | 4,377.52 |

Cost of service, exclusive of undistributed cost of supervision..... 7,612.04

BACTERIOLOGICAL LABORATORY.

| | |
|-----------------------------|-------|
| Specimens examined..... | 7,011 |
| Employees..... | 2 |
| Days' service rendered..... | 730 |

Total cost of personal service..... \$2,800.00
Incidental expenses (approximate)..... 485.98

Total cost of bacteriological laboratory, exclusive of undistributed cost of supervision..... 3,285.98

SMALLPOX HOSPITAL.

| | |
|-------------------------------------|-----|
| Patients cared for..... | 44 |
| Hospital days..... | 579 |
| Employees, including physician..... | 4 |
| Days' service rendered..... | 697 |

Total cost of personal services..... \$1,500.50

Cost of incidentals (approximate)..... 1,459.76

Total cost of smallpox hospital, exclusive of undistributed cost of supervision..... 3,050.26

QUARANTINE STATION.

| | |
|-----------------------------|------|
| Patients cared for..... | 50 |
| Quarantine days..... | 475 |
| Employees..... | 3 |
| Days' service rendered..... | 491½ |

Total cost of personal services..... \$782.25

Cost of incidentals (approximate)..... 992.22

Total cost of quarantine station, exclusive of undistributed cost of supervision..... 1,774.47

AMBULANCE SERVICE.

| | |
|-----------------------------|-----|
| Minor contagious diseases: | 335 |
| Patients transported..... | 1 |
| Employees..... | 365 |
| Days' service rendered..... | |

Total cost of personal service..... \$730.00

Cost of incidentals (approximate)..... 609.41

Total cost of service, exclusive of undistributed cost of supervision..... \$1,339.41

CREMATORIUM.

| | |
|----------------------------------|------------|
| Bodies burned ¹ | 694 |
| Employees..... | 1 |
| Cost of service..... | \$1,944.76 |

¹ 538 of bodies burned were infants and stillbirth.

Outline of average annual and daily work of the health department, fiscal years 1907-8, 1908-9, 1909-10, 1910-11—Continued.

MEDICAL INSPECTION OF PUBLIC SCHOOLS.

| | Annual amount of work. | Daily average. | Daily average per inspector. |
|---|------------------------------|-------------------|---------------------------------------|
| Schools inspected..... | 196 | 1.09 | .09 |
| Teachers, pupils, and janitors subject to inspection..... | 56,787 | 315.5 | 26.3 |
| Visits to schools..... | 9,985 | 55.5 | 4.62 |
| Inspections of teachers, pupils, and janitors..... | 13,697 | 76.1 | 6.34 |
| Inspectors..... | 12 | | |
| Total cost of service..... | \$6,000.00 | | |
| Total cost of incidentals (approximate) ¹ | | | |
| Total cost, exclusive of undistributed cost of supervision ¹ | | | |

¹ Not known.

The "undistributed cost of supervision" refers to pro rata of the salaries of the health officer, assistant health officer, and others in the general health office service, and of the general office expenses of the health department, properly chargeable against the work referred to.

HOSPITALS AND CEMETERIES.

List of private hospitals and asylums in the District of Columbia licensed to June 30, 1911, showing location and date licensed.

HOSPITALS FOR HUMAN BEINGS.

| Name. | Location. | Date licensed. |
|-------------------------------------|--|-------------------|
| Jane B. Silvester Sanatorium..... | 2005 Kalorama Road NW..... | Apr. 20, 1910 |
| Garfield Memorial Hospital..... | Tenth Street and Florida Avenue NW..... | Feb. 18, 1911 |
| Georgetown University Hospital..... | Thirty-fifth and N Streets NW..... | Mar. 1, 1911 |
| Sibley Memorial Hospital..... | North Capitol and Pierce Streets NW..... | Mar. 7, 1911 |
| Washington Branch Sanatorium..... | 1 and 2 Iowa Circle NW..... | June 19, 1911 |

HOSPITALS FOR ANIMALS.

| | | |
|-----------------------|--|---------------|
| C. B. Robinson..... | 222 C Street NW..... | Dec. 6, 1909 |
| Cecil French..... | Twentieth Street and Park Road NW..... | Feb. 8, 1910 |
| J. P. Turner..... | 916 O Street NW..... | Feb. 18, 1910 |
| D. E. Buckingham..... | 2115 Fourteenth Street NW..... | Mar. 25, 1910 |
| C. F. Hadfield..... | 36 New York Avenue NW..... | May 5, 1910 |
| Bosley & Weeks..... | 309 Sixth Street NW..... | June 23, 1910 |
| E. S. Walmer..... | 3247 Prospect Avenue NW..... | May 21, 1911 |

ASYLUMS FOR HUMAN BEINGS.

| | | |
|--------------------------------------|---|---------------|
| Crittenton Home..... | 218 Third Street NW..... | Mar. 25, 1910 |
| Home for Incurables..... | R Street between Thirty-first and Thirty-second NW..... | July 19, 1910 |
| Children's Country Home..... | Grant Road NW..... | Do. |
| St. Vincent's Orphan Asylum..... | Edgewood, D. C..... | Do. |
| Masonic and Eastern Star Home..... | Takoma, D. C..... | Feb. 24, 1911 |
| St. Ann's Infant Asylum..... | 2300 K Street NW..... | Do. |
| St. Joseph's Male Orphan Asylum..... | 924 H Street NW..... | Mar. 6, 1911 |
| Epiphany Church Home..... | 1221 Massachusetts Avenue NW..... | Mar. 23, 1911 |
| Edes Home..... | 2929 N Street NW..... | Mar. 25, 1911 |
| Woman's Christian Association..... | 1719 Thirteenth Street NW..... | Mar. 29, 1911 |
| Methodist Home..... | 601 M Street NW..... | Apr. 12, 1911 |
| Presbyterian Home..... | 1420 M Street NW..... | May 13, 1911 |

List of private hospitals and asylums in the District of Columbia licensed to June 30, 1911, showing location and date licensed—Continued.

ASYLUM FOR ANIMALS.

| Name. | Location. | Date licensed. |
|-----------------------|----------------------|----------------|
| Sarah L. Beckley..... | 126 D Street SW..... | Apr. 19, 1911 |

List of cemeteries.

Adras Israel.
 Addison Chapel.
 Baptist.
 Battle Ground.¹
 Congressional.
 Christian.¹
 Glenwood.
 Green Vale.¹
 Harmony.
 Holy Rood.
 Hillsdale.
 Government Hospital for the Insane.
 Jones Chapel.
 Macedonia.
 Macaphelia.¹
 Mount Olivet.
 United States Soldiers' Home.

Oak Hill.
 Payne's.
 Prospect Hill.
 Potters' Field.
 Rock Creek.
 St. Albans.¹
 St. Mary's.
 Methodist Tennallytown.
 Moores.
 Mount Zion.
 Ohove Schlorm.
 Talmud Torah.
 Washington Hebrew.
 Woodlawn.
 National Capitol Hebrew.
 Georgetown Convent.

CREMATORIES.

J. William Lee's.

| District of Columbia Public Crematory.

¹No interments during the year.

APPENDIX E.

LAWS AND REGULATIONS RELATING TO PUBLIC HEALTH IN
FORCE SINCE JULY 1, 1910.

AUGUST 4, 1910.

Ordered, That under the provisions of section 7 of the act of Congress approved June 19, 1879, entitled "An act to create a revenue in the District of Columbia by levying a tax upon all dogs therein, to make such dogs personal property, and for other purposes," the commissioners hereby give notice that every dog in said District shall, for a period of one year on and after seven days from the date hereof, wear a good and substantial muzzle, securely put on, so as to prevent it from biting or snapping; and any dog going at large during said period without such muzzle shall be taken up by the poundmaster and impounded.

Official copy furnished health officer District of Columbia.

WM. TINDALL, *Secretary.*

OFFICE COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
Washington, November 5, 1910.

Ordered, That the following amendments of the regulations made July 31, 1897, by the health officer of the District of Columbia, and approved by the Commissioners of said District, pursuant to the requirements of section 11 of "An act to regulate the sale of milk in the District of Columbia, and for other purposes," approved March 2, 1895, are hereby made by adding after section 14 thereof the following sections:

"SEC. 14a. No new dairy cow and no new bull which has not been demonstrated by the tuberculin test to be free from tuberculosis and officially tagged to show that fact shall be brought upon any dairy farm in the District of Columbia and maintained there for a period longer than is necessary to have said cow or bull officially tuberculin tested. And any cow or bull so tested and reacting to the tuberculin test shall be tagged so as to show that fact and killed or promptly removed from said farm.

"SEC. 14b. Whenever there is found on any dairy farm any cow or bull presenting such physical evidence of tuberculosis as to make it appear to the satisfaction of the health officer that such cow or bull has tuberculosis, then in that event the licensee or applicant for license to produce for sale milk on said farm upon which such cow or bull is, shall, upon written notice from the health officer, have said cow or bull immediately killed, or removed from the dairy farm, or else separated from the dairy herd and officially tuberculin tested; and if said animal reacts to the tuberculin test, then such licensee or applicant, as the case may be, shall have said cow or bull forthwith tagged

so as to show that fact and promptly killed or removed from said dairy farm: *Provided*, That nothing in section 14a or in section 14b of these regulations shall in any way modify or repeal any of the provisions of the order of the Commissioners of the District of Columbia for the suppression and prevention of tuberculosis in cattle promulgated November 26, 1909.

"SEC. 14c. With respect to all applications filed after October 1, 1910, prompt action will be taken, and if all cattle on the dairy farm to which any such application relates are not free from tuberculosis as shown by the tuberculin test the application will, in the discretion of the health officer, be promptly rejected."

WM. C. WOODWARD,
Health Officer of the District of Columbia.

By direction of the Commissioners of the District of Columbia,
November 5, 1910:

CUNO H. RUDOLPH,
JOHN A. JOHNSTON,
W. V. JUDSON,
Commissioners of the District of Columbia.

Published in the Washington Herald November 11, 1910.
Official copy furnished the health department.
By order:

W. TINDALL, *Secretary.*

NOVEMBER 8, 1910.

Ordered, That the purchase of milk by the District of Columbia for use in institutions under its control is limited to milk that has been properly pasteurized or that has come from tuberculin-tested herds.

Official copy furnished health department.

WILLIAM TINDALL, *Secretary.*

JANUARY 31, 1912.

Ordered, That sections 10 and 11¹ of "An ordinance to prevent the sale of unwholesome food and the distribution of medicinal and poisonous substances in the District of Columbia," be, and the same are hereby, repealed.

It is further ordered that the title to said ordinance be, and the same is hereby, changed so as to read "An ordinance to prevent the sale of unwholesome food in the District of Columbia."

By order:

WILLIAM TINDALL, *Secretary.*

¹ As amended by order of Mar. 4, 1911.

Extract from "An act making appropriations to provide for the expenses of the government of the District of Columbia for the fiscal year ending June 30, 1912, and for other purposes."

[— Stats., —.]

For medical inspectors.—Twelve medical inspectors of public schools, two of whom shall be dentists and four of whom shall be of the colored race, at \$500 each, \$6,000: *Provided*, That said inspectors shall be appointed by the commissioners only after competitive examination, and shall have had at least five years' experience in the practice of medicine or dentistry in the District of Columbia, and shall perform their duties under the direction of the health officer and according to rules formulated from time to time by him, which shall be subject to the approval of the board of education and the commissioners.

Approved March 2, 1911.

COMMISSIONERS OF THE DISTRICT OF COLUMBIA,
EXECUTIVE DEPARTMENT,
Washington, May 3, 1911.

REGULATIONS FOR THE PREVENTION OF ACUTE ANTERIOR POLIOMYELITIS IN THE DISTRICT OF COLUMBIA.

Ordered, That every person in charge of any patient in the District of Columbia who is suffering from acute anterior poliomyelitis, commonly known as infantile paralysis, immediately after becoming aware of the existence of such disease shall send to the health officer of said District a certificate, written in ink, signed by such person, stating the name of the disease, the name, age, sex, and color of the person suffering therefrom, and the school which he or she has attended, if any, and setting forth by street and number, or by other sufficient designation, the location of the house, room, or other place in which said patient can be found. As soon as practicable after the temperature of any patient suffering from acute anterior poliomyelitis returns to normal, or, if the temperature of any such patient has not to the knowledge of the person in charge of said patient been above normal, then the person in charge shall send to the health officer of said District a certificate written in ink and certifying to that fact.

SEC. 2. The term "person in charge of any patient," as used in these regulations, shall be held to mean, first, each physician in attendance on, called in to visit, or examining a patient, unless called in to visit or examining the patient solely as a consultant to a physician already in attendance; second, in the absence or disability of any physician aforesaid, or in event of default on the part of such physician, the head of the family to which the patient belongs; third, in the absence or disability of such person, or in event of default on the part of the physician aforesaid, the nearest relative or relatives of such patient present on the premises and in attendance on such patient; fourth, in the absence or disability of all persons aforesaid, or in event of default on the part of the physician aforesaid, every person in attendance on such patient.

SEC. 3. It shall be the duty of the person in charge of any patient suffering from acute anterior poliomyelitis, if said person has power and authority so to do, to adopt each and every of the following precautions to prevent the spread of such disease:

(a) To isolate the patient immediately upon the discovery of the nature of the disease, as thoroughly as is practicable, from all persons who are not suffering from the same disease and who are not necessarily in attendance upon the patient, and to maintain such isolation until the temperature of the patient has returned to normal and for two weeks thereafter, or the death of the patient.

(b) To disinfect each and every article used by or about the patient and all excreta from the patient, and such other articles, if any, as have been specially exposed to infection, before the removal of such article or excreta from said room or rooms if practicable, and otherwise as soon thereafter as is practicable.

(c) To disinfect the room or rooms occupied by the patient, and all articles contained therein, before said room is again occupied and within three days after the removal, recovery, or death of the patient unless such disinfection has been done by the health officer.

SEC. 4. It shall be unlawful for any person, having power and authority to prevent, to permit a patient suffering from acute anterior poliomyelitis, at any time between the onset of the disease and the expiration of two weeks after the return of the patient's temperature to normal to do, and it shall be unlawful for any such patient to do, any of the following things:

(a) To appear upon the public street.

(b) To appear in school, church, store, or place of amusement, or in any other place of public assemblage.

(c) To enter a public conveyance, except a vehicle designated by the health officer for the conveyance generally of persons suffering from minor contagious diseases, or a vehicle designated by the health officer for the conveyance of the particular case.

(d) To go or to be carried from place to place over the public streets without authority from the health officer, except that in case of an emergency and prior to the reporting of a case the patient may be moved, under direction of a registered physician, from the place where the case is found to some other place in the District of Columbia suitable for its reception, but in such instances the report cards shall indicate the place where the case occurred as well as the place to which the patient has been moved.

SEC. 5. No person shall knowingly expose himself or any other person, or if he has power and authority to prevent, permit any other person to be exposed, to infection by acute anterior poliomyelitis, unless such exposure is necessary for the proper care and treatment of the patient.

SEC. 6. No person who is nursing a patient suffering from acute anterior poliomyelitis shall mingle with other persons who are not so engaged and who are not suffering from the disease from which the patient is suffering until after said person has removed such outer garments as have been worn in the sick room and has properly disinfected the hands and face, and the hair if the hair has not been covered while in the sick room.

SEC. 7. No person residing in any dwelling house or in any family when there is in said dwelling house or family a patient suffering

from acute anterior poliomyelitis shall, while so residing and prior to the expiration of two weeks after the temperature of the patient has returned to normal, attend public or private school or Sunday school.

SEC. 8. The health officer shall make such investigations into the nature and origin of cases of acute anterior poliomyelitis occurring in the District of Columbia as in his judgment may be necessary to prevent the spread of said disease, and shall cooperate with persons having charge of patients suffering from such disease as he deems needful for the prevention of the spread thereof. And in the discharge of each and every of the duties herein imposed the health officer may act not only in person but also through employees in the service of the health department duly designated by him for that purpose.

SEC. 9. No person shall interfere with the health officer or with any officer, employee, or agent of the health department in the enforcement of these regulations.

SEC. 10. Any person who is suffering from symptoms that so resemble those of acute anterior poliomyelitis that they can not be distinguished therefrom with reasonable certainty shall be regarded for the purposes of these regulations as suffering from said disease.

SEC. 11. Any person who violates any of the provisions of these regulations shall be punished upon conviction thereof by a fine not exceeding \$50 for the first offense, and for each subsequent offense by a fine not exceeding \$100.

The above regulations to be effective on and after June 12, 1911.
By order:

WILLIAM TINDALL, *Secretary.*

(Officially published in the Washington Herald May 11, 1911.)

APPENDIX F.

LIST OF PHYSICIANS ENTITLED TO PRACTICE MEDICINE IN THE DISTRICT OF COLUMBIA, JANUARY 26, 1912.

| | | | |
|--------------------------|------------------------------|----------------------------|----------------------------|
| Abbe, Truman. | Barrie, George. | Boyd, Chas. L. | Caldwell, Harry C. |
| Abbot, Griffith E. | Barrington, Richard I. | Boyd, George W. | Calvert, Finley H. |
| Abernethy, Eric A. | Barry, Edmund. | Boyle, Cornelius B. | Camalier, Franklin A. |
| Acker, George N. | Barry, John P. | Boyle, Edward M. | Cameron, Malcolm. |
| Adams, Jesse Lee. | Barstow, Edward C. | Brackett, John E. | Camp, George H. |
| Adams, Roy D. | Barstow, Kate D. | Bradon, Francis W. | Campbell, Charles B. |
| Adams, Samuel S. | Barton, Wilfred M. | Bradfield, Jefferson D. | Cannon, James S. |
| Ainsworth, F. C. | Bartsch-Dunne, Anna. | Bradley, Geo. P., U. S. N. | Cannon, Walter D. |
| Alderman, Asahel H. | Bastian, J. W. | Brady, Zadoc M. | Cardoza, Francis J. |
| Alderman, Zenas W. | Battle, Lewis J. | Bragan, George D. | Carman, Louis D. |
| Alexander, Rose. | Battles, Samuel L. | Braisted, Wm. C., U. S. N. | Carmichael, Randolph B. |
| Alleger, Walter W. | Bayly, Rozier C. | Brandenburg, W. H. R. | Carpenter, D. N., U. S. N. |
| Alleman, Albert. | Bayne, J. Breckinridge. | Brandt, Wm. E. | Carr, W. Browne. |
| Allen, Chas. Alexander. | Beale, Robert S. | Branson, Joseph H. | Carr, William P. |
| Allen, Charles L. | Beall, Benjamin M. | Brecht, Nelson Du Val. | Carrico, A. J. |
| Allen, Charles W. | Beall, Chas. M. | Breckinridge, Scott D. | Carroll, James. |
| Allen, Elijah H. | Beamman, Carroll J. | Brenizer, Gilmer. | Carroll, Robert L. |
| Allen, Elzora B. | Beattie, Wray. | Brent, Clarence E. | Carson, Simeon L. |
| Allen, H. Jerome. | Beatty, Louis Kelley. | Brewer, Isaac W. | Carter, Durus D. |
| Allen, Jacob S. | Beatty, Walter K. | Bridge, James D. | Carter, E. C., U. S. A. |
| Allen, John. | Beckett, George M. | Briggs, John D. | Carter, William C. |
| Ammerman, Charles C. | Beckley, E. R. | Briscoe, John P. | Castelli, Enrico. |
| Anderson, C. T. G. | Beebe, William B. | Bromwell, Josiah E. | Caylor, Claude C. |
| Anderson, Joseph W. | Behrend, Adajah. | Bronson, Charles E. | Chadwick, De Witt C. |
| Anderson, U. Grant. | Behrend, Edwin B. | Brooks, Carroll A. | Chaims, Geo. S. |
| Armstrong, Wm. J. | Behrend, Sidney. | Brooks, Floyd V. | Chamberlin, Frank T. |
| Arnold, Guy F. | Bell, Wm. H., U. S. N. | Brooks, J. Henry. | Chancellor, P. S. |
| Arnold, John S. | Ben.ett, A. B., jr. | Brooks, John Doshier. | Chapman, Thomas P. |
| Arntzen, Julius Leo. | Bennett, Harrison M. | Brooks, J. Lester. | Chappell, John W. |
| Arthur, Wm. H., U. S. A. | Bennett, Maitland C. | Brooks, Phil. B. | Chappell, Sidney L. |
| Arwine, James T. | Bennett, Robert A. | Brosius, Mary Alice. | Childs, Creed W. |
| Ashford, Bailey K. | Bennit, William W. | Brown, Charles W. | Chipman, C. N. |
| Ashford, Francis A. | Beresford, Galsworthy G. | Brown, Harry Lee. | Chisolm, Francis M. |
| Ashford, Mahlon. | Bermann, Isador. | Brown, Hugh A. | Choate, Rufus. |
| Atkinson, John F. | Bernstein, Hymon. | Brown, Mary L. | Christmas, Wm. W. |
| Atkinson, Wade H. | Bevard, William A. | Brown, Orville J. | Church, James R. |
| Atwell, John R. | Biggs, Joseph R. | Brown, Robert W. | Clark, Chas. Herman. |
| Atwood, Oliver M. | Billiard, Chas. Lewis. | Brown, Sara Winifred. | Clark, George C. |
| Avery, Frederick S. | Billard, Jules F. | Brown, W. Hayes. | Clark, James J. |
| Ayres, Wm. W. | Birdsall, Charles W. | Browne, Rhodric W. | Clark, John Alex. |
| Babendrier, Lewis W. | Birdsall, Gregg Custis. | Browning, Andrew J. | Clark, Taliaferro. |
| Babbitt, George E. | Birmingham, H. P., U. S. A. | Brumbaugh, Gaius M. | Clarke, Wm. Earl, jr. |
| Babbitt, Zeno B. | | Brummett, Randolph B. | Clarke, Winfield S. |
| Bacas, Henry. | Birney, Edith S. | Bryan, Joseph H. | Clayton, James G. |
| Bacon, Robert B. | Rirtwell, Daniel T. | Bryson, Herbert J. | Clayton, Thomas A. |
| Baggett, John B. | Biscoe, Frank L. | Buchanan, Chas. M. | Clemens, James E. |
| Baler, G. K. | Bishop, Francis B. | Buchanan, Wm. R. | Clement, A. B. C. |
| Bailey, Emerson S. | Bishop, Herbert F. | Buck, John R. | Clements, Lyman J. |
| Bailey, Grafton D. P. | Blackburn, Isaac W. | Bunnemeyer, Bernard. | Clemons, Carl Anson. |
| Bailey, Henry L. | Blaine, Robt. G. | Burbank, Caryl. | Clifford, John S. |
| Bain, Seneca B. | Blair, Joseph D. | Burch, Edward W. | Coblentz, Horace B. |
| Baker, Frank. | Blake, Levi C. | Burch, W. Thompson. | Coburn, Henry C., jr. |
| Baker, Frank Cole. | Blake, Louisa M. | Burke, Francis E. | Coe, Anton. |
| Baker, Leigh Y. | Blakistone, Julian C. | Burke, Fredk. B. | Cole, George R. Lee. |
| Baker, May D. | Bliss, Charles L. | Burke, John W. | Cole, John T. |
| Baker, Osmyrn. | Bogan, Fred. Macon. | Burke, Thomas W. | Coleman, Horace. |
| Baker, Robert W. | Bogan, Joseph B. | Burritt, Alice. | Collins, Albert R. |
| Baker, Willie W. | Bogan, Samuel W. | Burritt, Martha Clark. | Collins, Charles R. |
| Baldus, William T. | Bogges, John S. | Bush, Daniel P. | Collins, Edward J. |
| Baldwin, C. A. | Bogle, John C. | Butler, Arthur R. | Collins, Henry F. |
| Baldwin, Mosby. | Boomhower-Guibord, Albert S. | Butler, Chas. S., U. S. N. | Collins, James C. |
| Balloch, Edward A. | | Butler, E. Flagg. | Collins, John F. |
| Banister, W. B. | Borden, Wm. C., U. S. A. | Butler, William K. | Colwell, Clifford B. |
| Barber, James M. | Boss, Rufus D. | Butterfield, Elmore E. | Conklin, Coursen B. |
| Barber, Robt. T. J. | Boswell, Archie W. | Butz, Abraham D. | Conklin, Rush W. |
| Barbour, Frank A. | Boteler, William C. | Byner, Chas. B., U. S. A. | Conner, William H. |
| Barger, A. S. | Bovee, J. Wesley. | Byrne, Patrick J. | Constar, John. |
| Barker, Howard W. | Bowen, William S. | Byrne, Walter C. | Conyngton, Wm. |
| Barnes, Noble P. | Bowers, John E. | Bynes, William F. | Cook, Elmore A. A. |
| Barnes, Wm. M. | Bowker, Chas. H. | Cabaniss, George W. | Cook, George W. |
| Barnesby, Walter R. | Boyd, Carl B. | Cabell, J. M., U. S. A. | Cook, Giles B. |
| Barnhart, Grant S. | | Caldwell, Charles T. | Cook, Henry C. |

List of physicians entitled to practice medicine in the District of Columbia, January 26, 1912—Continued.

| | | | |
|---------------------------|---------------------------|----------------------------|--------------------------|
| Cook, Richard L. | Dollman, Clarence M. | Fletcher, Chas. C. | Goodman, Hector H. |
| Cooke, Robert R. | Donnelly, Harry H. | Fletcher, G. H. | Goodman, William R. |
| Cooke, Thomas C. | Dooley, Francis X. | Floria, Salvatore. | Gosling, Henry L. |
| Coolidge, Augustus B. | Dorsey, John S. | Flower, Alfred H. | Gracy, George W. |
| Copeland, Edgar P. | Douglas, Alanson S. | Flynn, James A. | Graham, James F. |
| Corbin, William E. | Douglas, James F. | Foley, Thomas M. | Graham, Neil D. |
| Corey, George B. | Dowling, James C. | Folkmar, Elnora C. | Graham, Neil F. |
| Corley, Karl C. | Dowling, Thomas, jr. | Foot, John A. | Granfield, Charles P. |
| Cornish, Mabel. | Downes, Julia V. | Ford, J. Herbert. | Grasty, Thos. S. D. |
| Coumbe, Arthur G. | Drane, Frank C. | Ford, Roland H. | Gray, Clarence A. |
| Coumbe, Oscar H. | Drenford, George. | Ford, William C. | Grayson, Charles S. |
| Cowden, J. Morrow. | Drennan, Lawrence M. | Foster, Chas. L. | Grayson, C. T., U. S. N. |
| Cowper, Arnold W. | Dubose, George P. | Foster, George W. | Green, Julia M. |
| Cox, Oliver C. | Duffey, Hugh C. | Foster, Romulus A. | Greene, Lawrence M. |
| Cox, S. Clifford. | Dulane, Clarence R. | Foster, Warren W. | Greene, Louis S. |
| Craig, Albert E. | Dulaney, Joshua L. | Fowler, Ernest W. | Greene, Samuel H., jr. |
| Craig, Henry K. | Dumas, Michael O. | Fowler, Harry A. | Greene, Willard P. |
| Craig, John M. | Dunlop, John. | Fowler, Samuel R. | Greenleaf, Harry S. |
| Crandell, Henry N. | Dunmire, Roy F. | Fowler, William C. | Greenstreet, A. G. |
| Crawford, C. Alexander. | Dunn, Henry A. | Fox, George L. | Griffin, Jno. C. |
| Critchton, Macpherson. | Dunne, Harold E. | Fox, William H. | Griffin, Thomas A. |
| Crittenden, Thomas B. | Dunnigan, John P. | Foye, A. Frances. | Griffith, Charles I. |
| Crocichia, Antoine. | Durfee, R. B. | Fracton, James M. | Griffith, Lewis A. |
| Crook, Harrison. | Dye, Hobart S. | Francis, John R. | Griffith, Michael J. |
| Crosby, W. D., U. S. A. | Dykes, J. R., U. S. N. | Francis, Melton A. | Griffith, Monte. |
| Crosson, Henry J. | Dyrenforth, Robert G. | Frankland, W. Ashby. | Griffith, S. H. |
| Crowe, John W. | Eager, J. M., M. H. S. | Franklin, E. T. M. | Griffith, Thos. E. |
| Crush, B. Alice. | Eastham, Granville. | Frankzoni, Charles W. | Griffith, Wilmer E. |
| Cumiskey, Edw. F. | Ecker, Lewis C. | Freeman, George F., U.S.N. | Groce, Henry R. |
| Curriden, George A. | Eddy, Otis S. | Freeman, Henry W., jr. | Groce, S. Marie. |
| Curtis, Austin M. | Eddie, G. L., U. S. A. | Freeze, Harris H. | Groff, Chester C. |
| Custis, George W. N. | Edmunds, Meade Randolph. | French, Leigh, H. | Groover, Thomas A. |
| Custis, J. B. Gregg. | Egbert, Edw. H. | French, William B. | Gross, Alfred G. |
| Custis, J. B. Gregg, jr. | Eggleston, George W. | French, Wm. L. | Grove, W. B., U. S. N. |
| Custis, Marvin A. | Eggleston, James D. | Frey, J. Paul. | Grubbs, R. B. |
| Cuthbert, Middleton F. | Elgin, Fisk. | Friedrich, Leon L. | Gruel, Louis T. |
| Czarra, Sigmund A. | Elgin, William F. | Frischkorn, Robt. Walter. | Grunwell, Alfred G. |
| Dabney, Virginia. | Eliot, Llewellyn J. | Frost, Ellis F. | Gulbord, Alberta S. |
| Danforth, Roderick F. | Eliot, Johnson. | Frost, John W. | Boomhower. |
| Daniel, Robert A. | Elliott, Charles S. | Fry, Henry D. | Gunion, John Paul. |
| Daniels, Uriah J. | Elliott, Jere B. | Fry, Samuel. | Gunning, Edw. J. |
| Darby, John J. | Elliot, Henry R. | Fuller, Homer G. | Guss, Harry T. |
| Darby, Taylor E. | Elliott, M. S., U. S. N. | Furcron, Gustavus W. | Gwynn, Oscar J. |
| Darnall, Moses H. | Ellis, Hannah C. | Gaines, Richard L. | Gwynn, Wm. C. |
| Darrah, Austin A. | Ellis, Joseph C. | Galatzo, W. Frank. | Haas, Carleton D. |
| Davidson, Edward Y. | Ellyson, Robert M. | Gallagher, Matilda J. | Hagner, Charles E. |
| Davis, Carl L. | Elmore, Bruce, U. S. N. | Gallagher, Patrick J. | Hagner, Francis R. |
| Davis, Carrie C. | Emery, O. V. | Gannon, James A. | Halford, Joseph W. |
| Davis, Charles A. | Emery, W. G. | Gapen, Nelson. | Hall, Arthur J. |
| Davis, Daniel G. | Emmons, Charles M. | Gardner, Joseph N. | Hall, J. Mitchell. |
| Davis, Dowdol H. | English, Charles H. | Gardner, Michael E. | Hall, Julia R. |
| Davis, Frank F. | Eppard, Geo. I. | Garnett, Alex. G. P. | Hamilton, James R. |
| Davis, George P. | Erbech, Amelia. | Garrison, Fielding H. | Hamilton, Ralph A. |
| Davis, Geo. W. | Erving, Emma L. | Garthwaite, Isaac S. | Hamilton, Richard T. |
| Davis, Llewellyn F. | Erving, Wm. G. | Garvin, Mary J. | Hammett, Chas. M., jr. |
| Davis, Wm. T. | Esch, Victor H. | Gaston, W. M., U. S. N. | Hammond, Thos. V. |
| Dawson, Charles F. | Eslin, James T. | Gaver, John W. | Hampson, Elizabeth. |
| Day, Geo. Frank. | Evans, Albert W. | Geddings, R. M. | Hance, Theodore F. |
| Deale, Henry B. | Evans, Warwick. | Gehring, Gustave P. | Hancock, Eugene Thos. |
| Dear, Wm. R. | Evans, Wilson B. | Gehring, Geo. M. | Handy, Wm. E. |
| Dearborn, Ruben B. | Eversfield, Wm. O. | Gentsch, Daniel C. | Hannon, Samuel L. |
| De Carré, Alfred. | Ezdorf, Rudolf H. von. | Gibbs, Benjamin F. | Hansmann, Theodore. |
| Deeble, Horace M. | Fadeley, George B. | Gibson, Frank E. | Hanson, Louis H. |
| Delancy, Martin D. | Fagin, Emmett A. | Gibson, R. H. | Hardesty, Joseph R. L. |
| De Laney, M. A., U. S. A. | Fairly, James M. | Gilbert, C. Evelyn. | Hardesty, Wm. S. |
| Demarest, Cornelius L. | Falconer, Bolivar L. | Gilchrist, Edgar Y. | Hardin, B. L. |
| Denison, Raymond C. | Fales, Ella Roy. | Gill, William T. | Harding, Gena R. |
| Dennison, Ira W. | Fales, Warren D. | Gill, Lee A. | Harding, Harry T. |
| Dessez, Paul T., U. S. N. | Farguher, Charles. | Gilliland, Orange C. | Harding, Ralph A. |
| Devereux, J. Ryan. | Farguher, Raymond R. | Girard, A. C., U. S. A. | Harlan, Tharos. |
| De Vries, J. Carlisle. | Featherstonhaugh, Thomas. | Gladman, Edwin. | Harmer, James B. |
| De Weese, Cornelius. | Ferguson, Charles E. | Glasecock, Alfred. | Harrington, Francis E. |
| Dewey, Christian H. | Ferguson, Thomas M. | Glazebrook, Larkin W. | Harrison, Bernard H. |
| Dickinson, Dwight U.S.N. | Ferris, N. Sherwood. | Gleeson, James K. P. | Harrison, Chas. A. |
| Dickson, S. H., U. S. N. | Fillebrown, John P. | Glover, Mervin W. | Harrison, Charles S. |
| Didier, Frederick W. | Finch, Erastus M. | Gochenour, David Thomas. | Harrison, Herbert A. |
| Dillenbach, William J. | Finley, Clara B. | Godfrey, Carlos E. | Harrison, James S. |
| Dixon, Henry M. | Fishbat, Albert S. | Godfrey, George M. | Harrison, John S. |
| Dixon, Taylor B. | Fisher, Howard. | Goines, William H. | Harrison, Julia C. |
| Dixon, Wm. S., U. S. N. | Fisher, Raymond A. | Golsborough, Edmund K. | Hart, James W. |
| Dobson, Hervie A. | Fiske, Charles N., U.S.N. | Goodall, Henry S. | Hartsock, Fredk. M. |
| Dobson, William H. | Fitzsimons, P., U. S. N. | | Harvey, A. K. P. |
| Dolan, Patrick V. | | | Harvey, Heber McK. |
| | | | Harvey, Levin A. |

List of physicians entitled to practice medicine in the District of Columbia January 26, 1912—Continued.

- Hasbrouck, Edwin M.
 Hathaway, G. S., U. S. N.
 Havard, Valery, U. S. A.
 Havenner, George C.
 Hawxhurst, Howard H.
 Hayden, Reynolds.
 Hayes, Frank C.
 Hayes, Henry L.
 Hayes, J. Robert.
 Haynes, Henry M.
 Hays, Melville A.
 Hazen, Henry H.
 Hazen, William P. C.
 Healy, Chas. B.
 Hefebower, Roy C.
 Heger, Anton, jr.
 Heiberger, Ida J.
 Heincke, George B.
 Heiner, Robert G.
 Heiser, William H.
 Heltmuller, George H.
 Heller, Irma I.
 Heller, Joseph M.
 Helm, Milton.
 Helton, Addison S.
 Hemler, Wm. F.
 Henderson, George.
 Henneberger, L. G., U. S. N.
 Henning, Samuel C.
 Henry, Wm. W. N.
 Hensley, James T.
 Hepburn, James H.
 Herald, Avediss B.
 Herbert, Joseph Wells.
 Herdliska, Charles V.
 Heron, William H.
 Hewetson, Sara E.
 Hickling, D. Percy.
 Higgins, Daniel W.
 Higgins, Montgomery E.
 Higgins, Raymond P.
 High, Daniel L.
 Hill, Richard S.
 Hillegass, Ross J.
 Hilliard, W. T., jr.
 Hilton, James F.
 Hines, James M.
 Hislop, Margaret.
 Hoadley, Almer M.
 Hodes, Harry K.
 Hodge, Edwin R.
 Hodges, J. Walter.
 Hodgson, Charles S.
 Hoffman, Walter J.
 Holdbrook, Chas. M.
 Holden, Cora M.
 Holden, Raymond T.
 Holland, Josiah H.
 Hollifield, Horatio B.
 Holmes, Charles.
 Holmes, John A.
 Holmes, Mary.
 Holmes, R. W.
 Holt, Warner.
 Hooe, A. Barnes.
 Hooe, Robert A.
 Hoover, Geo. W.
 Hopkins, Charles J.
 Hopkins, J. Milton.
 Rord, William T., jr.
 Hore, Cassius W.
 Horgan, William D.
 Hornaday, Frank A.
 Hoskins, James T.
 Hough, J. Spencer.
 Hough, Wm. H.
 Houghton, Montafix W.
 House, Z. E.
 Housel, Firman.
 Howard, Arcturus Lee.
 Howard, C. Norman.
 Howard, D. C., U. S. A.
 Howard, James H.
 Howard, Joseph T. D.
 Howard, Stanton W.
 Howard, Wm. J., jr.
 Howe, Orwin E.
 Hubbell, Wm. Wheeler.
 Hudson, Wm. Burrows.
 Hughes, Wm. H.
 Hull, June M.
 Hull, Theo. Y.
 Hume, Howard.
 Hummer, Harry R.
 Hunt, Arthur Le Roy.
 Hunt, Henry J.
 Hunter, Edwin C.
 Hunter, Montgomery.
 Huntington, Philip W., U. S. A.
 Hunt, Joseph R.
 Hurst, Julien H.
 Hurr, Harry.
 Hutchison, Mahlon.
 Hyatt, Franck.
 Hyde, Chas. W.
 Hynson, Laurence M.
 Ingersoll, Olive P.
 Ingersoll, Robert S.
 Ingram, Thomas D.
 Ireland, M. W., U. S. A.
 Irmen, Felix A.
 Iseman, Myre S.
 Israeli, Baruch.
 Jack, William A., jr.
 Jackson, Elmer E.
 Jackson, Virgil B.
 Jaeger, H. W.
 Jaisohn, Philip.
 James, Charles H.
 Jamison, Albion B.
 Jamison, John S.
 Jarvis, G. L. Brown.
 Jeffries, Joseph A., jr.
 Jenkins, Ralph.
 Jenner, Norman R.
 Jewett, Henry M.
 Jobson, Wm. R.
 Johnson, Albert E.
 Johnson, Alexander.
 Johnson, Chas. C.
 Johnson, Charles R.
 Johnson, Frank G.
 Johnson, Henry A.
 Johnson, Henry L. E.
 Johnson, H. Virgil.
 Johnson, James A.
 Johnson, James F.
 Johnson, John H.
 Johnson, Joseph L.
 Johnson, Joseph Taber.
 Johnson, Loren B. T.
 Johnson, Louis A.
 Johnson, Paul B. A.
 Johnson, Sidney L.
 Johnson, Stuart C.
 Johnson, Wallace.
 Johnston, Gabriel F.
 Johnston, George W.
 Johnston, Henry V.
 Johnston, Wm. B.
 Johnstone, Robert B.
 Jolley, Bushrod B.
 Jones, Edward Barton.
 Jones, Eugene.
 Jones, Glenn C.
 Jones, H. W., U. S. A.
 Jones, John E.
 Jones, Louise T.
 Jones, Saml. A.
 Jones, Thos. G.
 Jones, Wm. C.
 Jones, Willis Wharton.
 Jordan, Arthur.
 Jordan, Charles M.
 Jordan, Llewellyn.
 Jorgenson, Hans C.
 Julihn, Magnus L.
 Jung, Franz A. R.
 Jung, Sofie A. Nordhoff.
 Junghans, John H.
 Kahn, Robert J.
 Kalusowski, Henry E.
 Karisoe, Wilhelm J.
 Karpeles, Simon R.
 Kaufman, Harry M.
 Kaveney, Joseph James.
 Kean, J. R., U. S. A.
 Kearney, Henry W.
 Kebler, Lyman F.
 Keenan, John F.
 Keene, Walter P.
 Kehrer, Augustus B.
 Kelley, John T., jr.
 Kelly, Daniel J.
 Kemble, Adam.
 Kemp, T. J.
 Kempter, J. Edmond.
 Keneipp, Edgar P.
 Kennard, G. Howard.
 Kerr, Harry H.
 Key, Sothoron.
 Keyser, Carl S.
 Kilroy, James J.
 Kimball, Arthur H.
 Kimball, Ephraim G.
 King, Albert F. A.
 King, Ernest F.
 King, Harry C.
 King, William R.
 Kingsman, Richard.
 Kinnan, William A.
 Kinner, J. Lee.
 Kinyoun, J. J.
 Kirby, Wm. P.
 Kite, Isaac W., U. S. N.
 Kittredge, Herman E.
 Klemm, John W.
 Kline, William J. K.
 Klugh, George F.
 Knapp, Herbert D.
 Knight, Carlisle P.
 Kober, George M.
 Kolpinski, Louis.
 Koonce, Frank D., jr.
 Koonce, Howard.
 Koonce, Charles K.
 Korshet, Morris.
 Kramer, Thomas B.
 Krechting, Wilhelm E. H.
 Krogstat, Henry.
 Kuehn, Fredk. W.
 Kurtz, John.
 La Fetra, George H.
 La Fetra, Linnaeus E.
 Lamb, Daniel S.
 Lamb, Isabel Haslup.
 Lamb, J. Melvin.
 Lamb, Robert Scott.
 Landers, Thomas.
 Lane, David A.
 Laney, Frank P.
 Lanza, Anthony J.
 Larkin, P. Edward.
 Lascot, Eulalio Garcia.
 Latimer, Chas. H.
 Latimer, George.
 Latimer, Guy W.
 Latimer, Thos. E.
 Lawrence, Albert L.
 Lawrence, Florus F.
 Lawson, Huron W.
 Leadley, George W.
 Le Comte, R. M.
 Lee, Adelbert H.
 Lee, Frederick D.
 Lee, George H.
 Lee, Thacker E.
 Lee, Thomas A.
 Lee, Thomas S.
 Leech, D. Olin.
 Leech, Frank.
 Leech, Geo. A.
 Lehr, Louis C.
 Le Kites, Lillian Rue.
 Le Merle, E. L.
 Lemon, Hanson T. A.
 Lemmon, Mary F.
 Lenman, Loueas N.
 Lewis, Duff G.
 Lewis, Geo. E.
 Lewis, John L.
 Lewis, Samuel E.
 Lewis, William L.
 Lighthill, Edward B.
 Lind, E. G., jr.
 Lind, John E.
 Lindsay, J. W.
 Lindsay, John H.
 Linville, Thomas.
 Little, John J.
 Little, Joseph W.
 Little, Richard M.
 Littlefield, John R.
 Littlejohn, Alice.
 Littlepage, William H.
 Lloyd, Patrick H.
 Lochboehler, George J.
 Logan, Robert A.
 Logie, Benl. R.
 Long, William.
 Lopp, William Henry.
 Lorean, Katherine.
 Loring, Francis B.
 Losekam, Geo.
 Lothrop, Edwin S.
 Lounders, C. H. T., U. S. N.
 Lovelace, Carl.
 Lowe, Horace M.
 Low, Thos. F.
 Lozier, Kate E.
 Lucas, Malchiah M.
 Luce, Charles R.
 Lucey, William A.
 Luckett, Llewellyn F.
 Lumsden, Geo. P., U. S. N.
 Lung, G. A.
 Lupton, E. J. S.
 Luttrell, Samuel S.
 Luttrell, Walter McM.
 Lynch, Robert L.
 Lynd, Ernest.
 Lyon, Marcus W., jr.
 Lyon, Martha M. B.
 McAduy, Robt. J.
 McArdle, Thomas E.
 McConnor, G. H.
 McCord, Harry Stanton.
 McCormick, John H.
 McCormack, Daniel P.
 McDonald, Paul E.
 McDonald, Thomas B.
 McDowell, R. W., U. S. N.
 McDuffie, Jos. A.
 McGee, Anita N.
 McGouldrick, Ernest C.
 McGrath, Bernard F.
 McGuire, James C.
 McGuire, Thos. J.
 McIlhenny, Jas. S.
 McIntyre, Andrew J.
 McIntyre, Douglas.
 McKaig, Joseph F.
 McKay, James G.
 McKee, William P.
 McKeehan, George H.
 McKeldin, R. A. W.
 McKeon, Frank H.
 McKimmie, Oscar A. M.
 McKnight, Robt. S.
 McLaughlin, Thos. N.
 McLaughlin, Wm. Frank, U. S. A.
 McLean, Allen D., U. S. N.
 McLoone, John J.
 McLoughlin, George N.
 McManus, Geo. R.
 McMaster, A. McF.

List of physicians entitled to practice medicine in the District of Columbia January 26, 1912—Continued.

- McMillan, Samuel M.
McNally, Valentine.
McNeil, Eaton K.
McNeill William C.
McPherson, Dorsey M.
McQuillan, Francis.
McVary, Stephen A.
Macatee, Henry C.
Macdonald, George.
Macdonald, Thomas L.
Machen, Francis S.
Mackall, Louis, Jr.
Macnamee, Arthur M.
Maddox, Albert S.
Madden, Edith L.
Maddella, William H.
Madigan, John Jos.
Madison, Benjamin F.
Magee, Geo. H.
Magee, M. D'Arcy.
Magruder, E. P.
Magruder, George I.
Main, Russell B.
Malcolm, Wm.
Mallan, Thomas F.
Mallory, Wm. J.
Malone, W. F.
Mann, Henry L.
Manning, Herbert M.
Manning, Wm. J.
Manning, Wm. Sanders.
Marble, Ella M. S.
Marbury, Charles C.
Marmion, V. V.
Marr, Samuel S.
Marshall, Charles H.
Marshall, Collins.
Marshall, E. R., U. S. N.
Marshall, J. W.
Martin, Hamilton St. C.
Martin, Thomas.
Martin, Thomas C.
Martin, Ulysses G. B.
Marty, Herbert E.
Mason, E. L.
Mason, Orville, J.
Mason, Robert F.
Mason, S. M.
Mason, Wm. B.
Massey, Thomas H.
Masterson, William L.
Matthews, Washington.
Mattson, Charles R.
Maulding, James E.
Mauss, Richard J.
Maxwell, Maurice H.
May, Henry A.
Mayer, Robert D.
Mazzei, Frank A.
Mead, Theodore.
Mebane, William W.
Mellott, Samuel W.
Melloy, Arthur N.
Meredith, John Cabell.
Merriam, Arthur C.
Merrill, Walter H.
Merritt, Simon Wickes.
Mess, Wm. A.
Metzerott, John H.
Miller, A. Caldwell.
Miller, Allen E.
Miller, Benjamin C.
Miller, G. Brown.
Miller, Geo. L.
Miller, Henry W.
Miller, Maurice E.
Miller, Stephen C.
Miller, Thomas.
Millard, P. McDonald.
Mills, William P.
Miner, Francis H.
Mischeaux, Paul J.
Mitchell, Addie W.
Mitchell, Andrew B.
Mitchell, James F.
Mitchell, John W.
Mitchell, Joseph E.
Moffitt, Melville M.
Moffitt, M. Watson.
Mowlin, Thomas B.
Molzhahn, Albert J.
Monk, Frederick H.
Monroe, Adolph.
Montgomery, Chas. W.
Montgomery, Frederik E.
Montgomery, Jacob H.
Montgomery, Winfield S.
Mooney, Charles J.
Moore, Howard R.
Moore, Joseph B.
Moore, Joseph H.
Moore, Mark W.
Moore, Mead.
Moore, Seth E.
Moore, W. Cabell.
Moran, John F.
Morgan, Edward L.
Morgan, Francis P.
Morgan, James D.
Morgan, William E.
Morgan, Wm. Gerry.
Morphart, F. H.
Morris, George G.
Morris, Roy T.
Morris, Samuel J.
Morrison, Joseph.
Morrison, Mary E.
Morrow, James O.
Morse, Edward E.
Morsell, William F.
Morton, Dudley, J.
Moser, Jas. M.
Mottet, Murray G.
Moulden, Wm. R.
Mudd, Joseph A.
Mudd, Thomas D.
Mulcahy, Daniel D.
Muncaster, Otho M.
Muncaster, Stewart B.
Muncey, Elizabeth B.
Mundell, Joseph J.
Mundy, Royal G.
Munroe, David M.
Munson, Leonard W.
Munson, Reginald.
Murdoch, Lester H.
Murphy, Jos. A.
Murphy, Walter C.
Murray, J. Donaldson.
Murray, T. Morris.
Murrell, Edward H.
Musgrave, Percy.
Nagel, Patrick E.
Napper, Walter P.
Nash, Francis S.
Neal, J. H.
Neale, John S.
Neale, Richard A.
Neff, Wallace.
Neill, Thos. E.
Neilson, John L., U. S. N.
Nelson, H. T., Jr., U. S. N.
Nelson, J. Edward.
Nesmith, Francis M.
Nevitt, James R.
Newberne, Robt. E. L.
Newell, William M.
Newell, William S.
Newgarden, Geo. J., U. S. N.
Newton, Carrie E.
Newton, Philip.
Nichols, Fenton Mercer.
Nichols, John B.
Nicholson, Leonard S.
Norcross, Henderson S.
Nordhoff-Jung, Sofie A.
Norcross, Alfred C.
Norman, Francis A.
Norris, John L.
Norris, Phebe R.
Norton, Edwin H.
Norton, Rupert.
Norwood, John C.
Nowlin, Homer E.
Nutting, Hugh.
Ober, George C.
O'Brien, Emilie Y.
O'Connell, Jeffery C.
O'Conner, Charles E.
O'Donoghue, Jno. A.
Oertel, Theodore E.
Old, Edward H. H., U. S. N.
Olds, William J.
Olesen, Robert Henry.
O'Malley, Mary.
Ong, Henry A.
O'Reilly, Thomas.
Outlaw, John S.
Owens, Saml. Logan.
Owens, W. O., U. S. A.
Owsley, William T.
Page, Wm. M.
Park, Francis E.
Parker, Edward M.
Parker, Henry P.
Parker, Joseph M.
Parkinson, Bernard A.
Parrott, Richard L.
Parsells, Chas. W.
Parsons, Alfred V.
Parsons, Mary A.
Parsons, Starr.
Patten, Wm. F.
Patterson, Edwin W.
Peck, Luke B.
Pence, Charles W.
Penrod, Hiram J.
Penrose, Clement A.
Perelval, Francis R.
Perkins, Louis J.
Perkins, Robt. W.
Perkins, Thomas L.
Perry, George N.
Peterson, Bowman H.
Peterson, George.
Petters, Charles V.
Pettus, W. J., U. S. M. H. S.
Peyton, Harry A.
Pfender, Charles A.
Phelps, Wilbur M.
Phelps, William P.
Philes, Wm. E.
Phillips, Francis M.
Phillips, Walter F.
Phillips, William F. R.
Piburn, J. L.
Pickford, Edward F.
Pickrell, Geo., U. S. N.
Pierre, Samuel M.
Piggott, John Burr.
Pile, Mayne M.
Pipes, Henry F.
Pitznogle, J. E.
Pleadwell, F. L., U. S. N.
Pole, Samuel B.
Polkinhorn, Henry A.
Pool, Benjamin G.
Poole, Francis H.
Poore, Thos. A.
Porter, Herbert W.
Porter, James A.
Portman, Adeline E.
Postley, Charles E.
Potter, James A.
Potter, Margaret S.
Poulton, William E.
Power, E. M.
Prather, John W.
Pratt, Alexis L.
Pratt, John P.
Prentiss, Daniel W.
Prentiss, Elliott C.
Prewitt, George T.
Price, Abel F., U. S. N.
Price, Harry M.
Price, Malvern H.
Price, P. Willis.
Price, William K.
Prosper, Milton H.
Pryor, James C., U. S. N.
Pulliam, John M.
Pulsifer, Woodbury.
Purdy, Obadiah A.
Purman, J. J.
Purman, Lewis C.
Purman, Rose M.
Purnell, William W.
Purvis, Charles B.
Pyles, J. Chester.
Pyles, Richard A.
Pyles, Wm. L.
Quay, John B.
Quick, Tunis C.
Quinn, William A.
Quincy, William L.
Ragan, Charles A.
Ramsburgh, Jesse.
Rand, William H.
Randolph, B. M.
Ransdell, R. C.
Ransom, Stacy A.
Rautenberg, Arthur C.
Rautenberg, Lewis E.
Ravenburg, Rudolph.
Ray, Anthony M.
Raymond, John U.
Ready, Michael J.
Rector, Frank L.
Reed, Chas. E.
Reed, D. H.
Reed, Joseph O.
Reede, E. H.
Reeve, Delos N.
Reeve, Jesse N.
Reeves, Will H.
Reeves, Wm. P.
Reger, Harry S.
Reichelderfer, Luther H.
Reid, Eva Charlotte.
Reinhardt, Otto M.
Reis, Henry, jr.
Reisinger, Emory W.
Rench, Victor B.
Repetti, Fred.
Repetti, Frederick F.
Repetti, John J.
Reville, Laura M.
Reyburn, Ella F.
Reyburn, Eugenia.
Reyburn, Robert, jr.
Reynard, Walter.
Reynolds, Dexter P.
Reynolds, Fred P., U. S. A.
Rhees, Benjamin R.
Rhett, Henry J.
Rhoads, Thos. L., U. S. A.
Rich, Frank R.
Richards, Alfred.
Richards, Nancy D.
Richardson, Charles W.
Richardson, Edward E.
Richardson, George H.
Richardson, Gustavus A.
Richardson, James J.
Richey, Stephen O.
Richmond, Paul.
Ridgeley, Albert.
Ridgel, William A. L.
Riggles, J. Lewis.
Riggs, D. H.
Riley, Josephine.
Riley, Phil C.
Riley, Terrence G.
Rives, William C.
Roane, James.
Robbins, Ansel J.
Robbins, Chas. S.

List of physicians entitled to practice medicine in the District of Columbia, January 26, 1912—Continued.

- Roberts, Edwin E.
 Roberts, Robert R.
 Roberts, William.
 Robins, William L.
 Robinson, Thomas.
 Robnett, A. Hamilton.
 Rogers, J. D.
 Rollins, Harry W.
 Romaine, Frank W.
 Roman, Frederick O.
 Rosenau, M. J., P. H. and
 M. H. S.
 Ross, Louise.
 Rossiter, Thomas J.
 Roush, Alva S.
 Roy, Philip S.
 Ruble, Wells A.
 Ruedy, Robert C.
 Ruffin, Geo. M.
 Ruffin, Sterling.
 Rule, Amy J.
 Russell, F. F., U. S. A.
 Russell, Howard C.
 Russell, Murray A.
 Rutherford, Jesse B.
 Sacks, Samuel.
 Saffold, Guy Stark.
 Safford, James P.
 Sage, John B.
 St. Clair, Francis A.
 St. Clair, Francis O.
 Samson, Geo. C.
 Sappington, Ernest F.
 Savage, Linnaeus S.
 Sawyer, John F.
 Sawtelle, Henry F.
 Sawtelle, H. W., P. H.
 and M. H. S.
 Schaeffer, Edward M.
 Schelksohn, Otto W.
 Schenck, Chas. P.
 Schildroth, Henry T.
 Shipp, Edward M., U. S. N.
 Schmidt, Lawrence M.,
 U. S. N.
 Schneider, Elwin C.
 Schneider, Francis A.
 Schoonover, Robert A.
 Schreiber, Henry R.
 Schreiner, E. R., U. S. N.
 Schricker, Walter F.
 Schwartz, Grover C.
 Scott, James F.
 Scott, Sidney L.
 Seacroft, Herbert C.
 Seabrook, Jesse M.
 Seibert, Edward G.
 Seitz, Roy E.
 Selhausen, Harry A.
 Selhausen, Ernest A.
 Selman, John P., Jr.
 Selzer, Henry H.
 Sessford, Joseph S. F.
 Sewell, Charles A.
 Sewell, Richard G.
 Shade, Nevin B.
 Shands, Aurelius R.
 Sharp, John R.
 Shaw, John W.
 Shea, William E.
 Shearer, Juliet G.
 Sheep, Wm. Lloyd.
 Shekel, Abraham.
 Shelley, Albert.
 Shepard, Jackson B.
 Shirley, John J.
 Shoup, Jesse.
 Shute, Augusta P.
 Shute, Daniel K.
 Sillers, Robert F.
 Silvers, H. I.
 Simmons, Alice M. B.
 Simmons, Maynard J.
 Simmons, Sherod S.
 Simonton, Laurence J.
 Simpson, Charles A.
 Simpson, Edward P.
 Simpson, Geo. F.
 Simpson, John C.
 Sims, William E.
 Sisco, H. N.
 Skinner, J. O., U. S. A.
 Slattey, John J.
 Slaughter, B. Rosalie.
 Smart, Benjamin H.
 Smart, Robt., U. S. A.
 Smith, Arthur C.
 Smith, C. A.
 Smith, Chas. Gordon.
 Smith, Dwight G.
 Smith, Ernest W.
 Smith, Frank F.
 Smith, George W.
 Smith, Hugh M.
 Smith, John E.
 Smith, John J. H.
 Smith, Joseph A.
 Smith, Julia E.
 Smith, Leon J.
 Smith, Lucian C.
 Smith, Percy G.
 Smith, Peter M.
 Smith, Stephen H.
 Smith, Thomas C.
 Smith, Thomas C.
 Smith, Thos. F.
 Snowden, Arthur.
 Snowden, Edgar.
 Snyder, Arthur A.
 Sohon, Elizabeth.
 Sohon, Frederick.
 Somerville, John W.
 Sommer, Henry Ott.
 Sorrell, George R.
 Sothoron, Elmer.
 Sothoron, Levin J.
 Souter, William N.
 Sowers, Wm. F.
 Sowers, Zachariah T.
 Spear, Raymond, U. S. N.
 Speiden, Edgar.
 Spellman, Frank J.
 Spencer, John B.
 Spire, Richard Lee.
 Sprigs, William M.
 Squire, Linus T.
 Squire, Susanna J.
 Stinaaker, Paul R.,
 U. S. N.
 Stanley, A. C., U. S. N.
 Staples, Aubrey H.
 Stark, A. N., U. S. A.
 Starr, Emma M. C.
 Stavelly, Albert L.
 Stearns, John S.
 Stearns, J. Warren.
 Steltz, P. H., Jr.
 Stephenson, Eugene T.
 Sterne, Charles F.
 Stetson, Thomas.
 Stevens, Albert H.
 Stevens, Edward.
 Stevens, Henry C.
 Stevenson, Earle C.
 Stewart, John W.
 Stewart, William A.
 Stiles, George W., Jr.
 Stiles, Henry R., U. S. A.
 Stoddard, Leroy R.
 Stokes, Chas. F., U. S. N.
 Stone, Charles G.
 Stone, E. F., U. S. N.
 Stone, Isaac B.
 Stone, James H.
 Stonerod, Rebecca.
 Story, James J.
 Story, Leon E.
 Stout, Henry I.
 Stoutenburgh, John A.
 Stowell, Charles H.
 Street, Daniel B.
 Street, Daniel B., Jr.
 Street, Harlow R.
 Strickler, Melchior B.
 Strobel, Mary L.
 Stromberger, H. H.
 Stuart, Albert R.
 Stuart, Garden C.
 Stuart, James.
 Stutz, John A.
 Suddarth, James L.
 Sudler, Oden R.
 Sudler, Thomas.
 Sullivan, Timothy Joseph.
 Sullivan, Robert Y.
 Sullivan, Welbie L.
 Sult, Chas. W.
 Summy, Benn W.
 Suter, Henderson.
 Suter, W. Given.
 Sutherland, John W.
 Sutliff, Milo H.
 Sutton, Dallas G.
 Swain, Benj. H.
 Swain, Oliver A. T.
 Swartwout, Frank A.
 Swett, Fred K.
 Swormstedt, Lyman B.
 Syme, William H.
 Talbott, Edw. M., U. S. A.
 Talbott, John Allan, Jr.
 Tancil, Arthur W.
 Tappan, Joseph C.
 Tasker, Arthur N.
 Tastet, David W.
 Tayloe, Harry M.
 Taylor, Alfred H.
 Taylor, James E. H.
 Taylor, L. H.
 Tefft, Frederick O.
 Terry, Philip R.
 Test, Frederick C.
 Tewksbury, Wm. D.
 Thomas, Ada R.
 Thomas, Carrie H.
 Thomas, John D.
 Thomas, Wm. J. G.
 Tompkins, William J.
 Thompson, Edgar D.
 Thompson, Henry P. P.
 Thompson, J. Ford.
 Thompson, J. Lawn.
 Thompson, Lewis R.
 Thompson, Millard F.
 Thompson, Silas S.
 Thomson, Lewis B.
 Thonssen, William J. R.
 Tibbet, Albert P.
 Tignor, Chas. A.
 Tignor, William L.
 Tindall, Percy A.
 Titus, Elijah W.
 Tobias, Henry W.
 Tobin, Richard Francis.
 Tolson, Wm. A.
 Tomlin, Timothy H.
 Tompkins, Edmund L.
 Tompkins, George J.
 Toner, John E.
 Towner, Frank H.
 Trent, Jos. P.
 Trimble, Robt. S.
 Trow, Walter G.
 Trudgian, Josiah B.
 Tubman, James R.
 Tucker, William P.
 Turner, Molyneux.
 Turton, Wm. E.
 Twogood, Merton E.
 Tyler, Robert B.
 Ulmer, Charles A.
 Upham, William C.
 Upshaw, Thomas L.
 Vail, Wm. C.
 Vale, Frank P.
 Valentine, Aloysius W.
 Van Keuren, Jesse P.
 Van Rensselaer, John.
 Vaughan, Geo. T.
 Verbyck, J. Russell.
 Vincent, Thomas N.
 Von Zedorf, Rudolph H.
 Wagner, Henry G.
 Wagner, Robert S.
 Wagner, William F.
 Walker, Abbott R.
 Walker, Allen.
 Walker, C. C.
 Walker, James T.
 Walker, Lewis A.
 Walker, Mary E.
 Walker, Robert A.
 Walker, R. R.
 Wall, Joseph S.
 Wallace, C. Jaquius.
 Wallace, Clifton R.
 Walsh, Ferdinand C.
 Walsh, John E.
 Walsh, Ralph.
 Walter, Leroy D.
 Walter, William F.
 Ward, Samuel A.
 Ward, William K.
 Warfield, William A.
 Waring, James H. N.
 Waring, J. B. H.
 Warner, William H. H.
 Warner, Carden F.
 Warner, John W.
 Warner, Richard A.
 Warren, Benj. S.
 Warren, George W.
 Warren, Stanley S.
 Washburn, William S.
 Washington, Richard.
 Waters, Chas. H.
 Waters, Chas. L.
 Watkins, Edgar W.
 Watkins, Samuel E.
 Watkins, Victor E.
 Watson, Charles L.
 Watson, James A.
 Weaver, Clarence A.
 Webb, Daniel A.
 Webb, Frank R.
 Webb, Newton E.
 Webb, W. D., U. S. A.
 Webster, Lenore P.
 Wechsler, Benj. B.
 Weed, Mark D., U. S. A.
 Weiler, Geo. L.
 Weirich, Samuel T.,
 U. S. A.
 Wellington, John R.
 Wells, Charles A.
 Wells, Walter A.
 Wells, Wm. A., Jr.
 Wenger, Wm. H.
 Werber, Gustavus E.
 Wertebaker, Clark I.
 West, Charles I.
 West, John H.
 West, Richard T.
 West, William E.
 Westlake, John A.
 Wetmore, William O.
 Wharton, John J., Jr.
 Wheatley, Charles.
 Whipper, Rollin W.
 White, Charles S.
 White, Ellen P. C.
 White, Lyle C.
 Whitney, Charles F.
 Whitney, Lawrence.
 Whitney, Walter.
 Whitson, Wm. Essex.
 Whittington, Thos. A.
 Wilder, James R.
 Wiley, Clarence C.
 Wilkinson, Alfred D.

*List of physicians entitled to practice medicine in the District of Columbia, January 26,
1912—Continued.*

| | | | |
|--------------------------|----------------------|----------------------|---------------------------|
| Wilkinson, Oscar. | Wilson, Edmund C. A. | Woode, Charles H. | Wurdeniann, H. V. |
| Wilkinson, Walter W. | Wilson, Edward C. | Woodman, Francis J. | Wyeth, Marlborough C., |
| Willis, John M. | Wilson, Lewes D. | Woodward, H. Wells. | U. S. A. |
| Willets, David G. | Wilson, Wm. H. | Woodward J a m e s | S., Wynkoop, James C. |
| Williams, Daniel H. | Wimberly, Geo. W. | U. S. N. | Yarnall, John H. |
| Williams, Greene D. | Wingate, D. M. | Woodward, William C. | Yarrow, Henry C. |
| Williams, H. J. | Winslow, John R. | Woolen, L. J. | Yates, Frederick. |
| Williams, J. Buxton, jr. | Winter, Eugene C. C. | Wooster, Mary L. | Young, Clement C. |
| Williams, Tom A. | Wirt, Wm. D. | Wooster, Walter M. | Young, Clifton E. |
| Williams, Welton C. | Wolfe, Edwin P. | Wright, Clarence A. | Young, Glendie B. |
| Williston, Edward D. | Wolfe, James T. | Wright, George H. | Young, Wm. G. |
| Willson, Prentiss. | Wood, Amos D. | Wright, Hamilton K. | Yount, Clarence E. |
| Wilmer, William H. | Wood, George W. | Wright, Wilbur L. | Zimmerman, Charles St. V. |

APPENDIX G.

REPORT OF CLERK IN CHARGE OF VITAL STATISTICS.

JUNE 30, 1911.

SIR: I have the honor to submit herewith an analysis of the vital statistics of the District of Columbia for the calendar year 1910, accompanied by tables bearing upon the subject. The rates and percentages are based upon the estimated population. The estimated population for 1910, necessary in the absence of the usual annual police enumeration, which was omitted because the Federal census was being taken at that time, was computed from the average annual percentage of increase of the population of the District according to the censuses taken under the direction of the major and superintendent of police for each of the five years from 1905 to 1909, inclusive. Assuming the rate of increase for 1910 to have continued at the same ratio, the estimated population in the spring of 1910 was as follows: White population, 250,803; colored, 97,657; total, 348,460. This indicates a total increase of 5,457 since the enumeration of 1909. The estimated increase of the white population was 4,942, and that of the colored 515. To distribute this estimated population according to age periods, and by sex and according to various statistical districts, and with reference to street and alley population was found impracticable, and therefore information with respect to localized conditions are not available and no comparative analysis can be made.

Need of a census.—Vital statistics are closely interwoven with the science of sanitation, and the progress which has been made in the latter is due in no small measure to the increased knowledge which has been gained through the former. This increased knowledge is reflected nowhere more conspicuously than in the annual and other reports of medical officers of health, but vital statistics can not be satisfactorily computed without a census. Sanitary conditions in a community are measured in a crude way by the number of persons dying in a year in each thousand of population. This population should be subdivided, however, into various classes (by sex, age, nativity, marital relation, etc.); so also should the locality be arranged in sections to make possible a comparative study of each area. For instance, an unusually high death rate of a certain area would naturally suggest inquiry into the determining causes of this condition, and efforts could follow to mitigate or remedy them. These lead to a knowledge of what is most needed to be done generally toward correcting insanitary conditions generally and what character of work will be most effective in securing the best results.

General mortality.—The deaths from all causes in the District of Columbia during the calendar year 1910 numbered 6,511, the general death rate being 18.68. This is somewhat higher than during 1909,

when the rate was 18.12. The number of white deaths was 3,754, and the number of colored, 2,757. The former represents a white death rate of 14.97 and the latter a race death rate of 28.23.

Mortality in relation to age.—The average age of all decedents during 1910 was 41 years and 12 days, an increase over last year of the age at death of 2 years, 2 months, and 1 day.

Comparative statement of average age of decedents, distributed with reference to race and sex, during 1909 and 1910.

| Race. | Male. | | | Female. | | | All. | | |
|-----------|--------|---------|-------|---------|---------|-------|--------|---------|-------|
| | Years. | Months. | Days. | Years. | Months. | Days. | Years. | Months. | Days. |
| White: | | | | | | | | | |
| 1909..... | 43 | 3 | 1 | 45 | 9 | 24 | 44 | 4 | 26 |
| 1910..... | 46 | 2 | 7 | 48 | 5 | 13 | 47 | 5 | 1 |
| Colored: | | | | | | | | | |
| 1909..... | 30 | 10 | 25 | 31 | 4 | 8 | 31 | 1 | 3 |
| 1910..... | 33 | 3 | 10 | 31 | 11 | 9 | 32 | 7 | 19 |

In this connection it is interesting to refer to the gradually increasing average age of decedents for the past 15 years. This is true of decedents over 5 years, over 20 years, and over 40 years, except among the colored at 40 years of age and over, where there is a slightly decreased age at death. In other words, more people than formerly live to attain advanced age.

Infant mortality.—The following statement shows the death rate among infants under one year of age calculated upon registered births. As is well known, some births which occur within the District of Columbia are never brought to the attention of the department, and therefore are not recorded. This necessarily increases the stated death rate among infants when computed on recorded births. Nevertheless, as a careful estimate indicates that quite 95 per cent of all births are recorded, the results are not without value.

Infant mortality, 1910.

| | White. | Colored. | Total. |
|--|--------|----------|--------|
| Births reported..... | 4,639 | 2,392 | 7,031 |
| Deaths under 1 year..... | 488 | 582 | 1,070 |
| Death rate of infants under 1 year of age, based on reported births..... | 105.19 | 243.31 | 152.18 |

The statement above shows an increase in infant mortality since 1909, which appears among the whites; the colored rate seems stationary.

The following list shows the diseases most prominent during 1910 as causes of infant mortality, the number of deaths due to each, the death rate per 1,000 reported births, and the percentage of deaths from those diseases to deaths from all causes.

Prominent causes of infant mortality in 1910 (under 1 year).

| Cause of death. | Deaths. | Death rate per 1,000 reported births. | Percentage of deaths to deaths from all causes. |
|--|---------|---------------------------------------|---|
| Congenital debility, marasmus, inanition | 121 | 17.21 | 1.86 |
| Prematurity..... | 212 | 30.15 | 3.26 |
| Malformation, congenital | 16 | 2.27 | .25 |
| Convulsions and tetanus neonatorum | 34 | 4.84 | .52 |
| Diarrheal diseases | 261 | 37.12 | 4.01 |
| Bronchitis..... | 33 | 4.69 | .51 |
| Pneumonia..... | 132 | 18.77 | 2.03 |
| Whooping cough..... | 21 | 2.99 | .32 |
| Tubercular meningitis..... | 6 | .85 | .09 |
| Accidents and negligence..... | 26 | 3.70 | .40 |

The following statement, pertaining to the calendar year 1910, shows the percentage of children who died during certain age periods under 1 year of age; computed upon the total number of deaths under 1 year of age, arranged according to race. The increased chance to survive that comes to an infant with each additional month of life is manifest.

Percentage of deaths at certain age periods under 1 year to total deaths under 1 year of age, during 1910.

| Age. | White. | | Colored. | | Total. | |
|----------------------|---------|----------|----------|----------|---------|-----------|
| | Deaths. | Percent. | Deaths. | Percent. | Deaths. | Per cent. |
| Under 1 month..... | 224 | 45.90 | 200 | 34.36 | 424 | 39.63 |
| 1 to 2 months..... | 28 | 5.74 | 69 | 11.86 | 97 | 9.07 |
| 2 to 3 months..... | 30 | 6.15 | 55 | 9.45 | 85 | 7.94 |
| 3 to 4 months..... | 33 | 6.76 | 42 | 7.22 | 75 | 7.01 |
| 4 to 5 months..... | 34 | 6.97 | 39 | 6.70 | 73 | 6.82 |
| 5 to 6 months..... | 34 | 6.97 | 40 | 6.87 | 74 | 6.92 |
| 6 to 7 months..... | 23 | 4.71 | 35 | 6.01 | 58 | 5.42 |
| 7 to 8 months..... | 21 | 4.30 | 21 | 3.61 | 42 | 3.93 |
| 8 to 9 months..... | 16 | 3.28 | 24 | 4.12 | 40 | 3.73 |
| 9 to 10 months..... | 15 | 3.07 | 24 | 4.13 | 39 | 3.64 |
| 10 to 11 months..... | 18 | 3.69 | 17 | 2.92 | 35 | 3.27 |
| 11 to 12 months..... | 12 | 2.46 | 16 | 2.75 | 28 | 2.62 |
| Total..... | 488 | 100.00 | 582 | 100.00 | 1,070 | 100.00 |

The number of deaths of infants under 1 year of age and under 5 years of age for the past 15 years is seen in the following table, and also the number of births reported during each of the years mentioned:

| Year. | White. | | | Colored. | | | Total. | | |
|-----------|---------|-------------------------|--------------------------|----------|-------------------------|--------------------------|---------|-------------------------|--------------------------|
| | Births. | Decedents under 1 year. | Decedents under 5 years. | Births | Decedents under 1 year. | Decedents under 5 years. | Births. | Decedents under 1 year. | Decedents under 5 years. |
| 1896..... | 2,745 | 671 | 892 | 1,842 | 794 | 1,089 | 4,587 | 1,465 | 1,981 |
| 1897..... | 2,712 | 594 | 774 | 1,865 | 712 | 1,008 | 4,577 | 1,306 | 1,782 |
| 1898..... | 3,011 | 557 | 798 | 2,043 | 692 | 996 | 5,054 | 1,249 | 1,794 |
| 1899..... | 2,623 | 537 | 796 | 1,737 | 729 | 1,024 | 4,360 | 1,266 | 1,820 |
| 1900..... | 2,901 | 612 | 821 | 1,867 | 732 | 1,036 | 4,768 | 1,344 | 1,857 |
| 1901..... | 2,620 | 542 | 743 | 1,735 | 692 | 934 | 4,355 | 1,234 | 1,677 |
| 1902..... | 3,086 | 520 | 679 | 1,846 | 715 | 959 | 4,932 | 1,235 | 1,638 |
| 1903..... | 3,307 | 513 | 674 | 1,817 | 579 | 833 | 5,124 | 1,092 | 1,507 |
| 1904..... | 3,994 | 520 | 698 | 2,224 | 608 | 834 | 6,218 | 1,128 | 1,532 |
| 1905..... | 4,140 | 482 | 640 | 2,275 | 657 | 923 | 6,415 | 1,139 | 1,563 |
| 1906..... | 4,330 | 572 | 730 | 2,199 | 661 | 876 | 6,529 | 1,233 | 1,606 |
| 1907..... | 4,551 | 515 | 670 | 2,322 | 610 | 825 | 6,873 | 1,125 | 1,495 |
| 1908..... | 4,835 | 531 | 678 | 2,205 | 569 | 760 | 7,040 | 1,100 | 1,438 |
| 1909..... | 4,806 | 502 | 692 | 2,220 | 540 | 748 | 7,026 | 1,042 | 1,440 |
| 1910..... | 4,639 | 488 | 656 | 2,392 | 582 | 751 | 7,031 | 1,070 | 1,407 |

Seasonal variations in mortality.—The average daily mortality by months, arranged with reference to race and age of decedents during the calendar year 1910, follows:

Average daily mortality by months, during 1910, arranged by race and certain age periods.

| Months. | Under 1 year. | | | 1 to 4 years, inclusive. | | | 5 years and over. | | | All ages. | | |
|----------------|---------------|----------|------|--------------------------|----------|------|-------------------|----------|-------|-----------|----------|-------|
| | White. | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. |
| January..... | 0.61 | 1.48 | 2.09 | 0.58 | 0.42 | 1.00 | 10.81 | 6.23 | 17.04 | 12.00 | 8.13 | 20.13 |
| February..... | 1.29 | 1.18 | 2.47 | .64 | .21 | .85 | 11.21 | 6.18 | 17.39 | 13.14 | 7.57 | 20.71 |
| March..... | 1.68 | 1.61 | 3.29 | .48 | .77 | 1.25 | 9.55 | 7.13 | 16.68 | 11.71 | 9.52 | 21.23 |
| April..... | 1.00 | 1.10 | 2.10 | .43 | .47 | .90 | 7.80 | 5.40 | 15.20 | 11.23 | 6.97 | 18.20 |
| May..... | .94 | .94 | 1.88 | .32 | .39 | .71 | 7.81 | 4.93 | 12.74 | 9.06 | 6.26 | 15.32 |
| June..... | .93 | 2.20 | 3.13 | .47 | .57 | 1.04 | 7.97 | 5.00 | 12.97 | 9.37 | 7.77 | 17.14 |
| July..... | 2.61 | 2.74 | 5.35 | .71 | .94 | 1.65 | 7.68 | 4.55 | 12.23 | 11.00 | 8.23 | 19.23 |
| August..... | 2.16 | 2.03 | 4.19 | .68 | .58 | 1.26 | 5.71 | 4.65 | 10.36 | 8.55 | 7.26 | 15.81 |
| September..... | 1.43 | 1.60 | 3.03 | .37 | .50 | .87 | 6.43 | 4.97 | 11.40 | 8.23 | 7.07 | 15.30 |
| October..... | 1.29 | 1.48 | 2.77 | .23 | .29 | .52 | 6.90 | 5.03 | 11.93 | 8.42 | 6.81 | 15.23 |
| November..... | 1.30 | 1.63 | 2.93 | .30 | .20 | .50 | 8.70 | 6.30 | 15.00 | 10.30 | 8.13 | 18.43 |
| December..... | .77 | 1.10 | 1.87 | .32 | .19 | .51 | 9.52 | 5.65 | 15.17 | 10.61 | 6.94 | 17.55 |
| Total.... | 1.34 | 1.59 | 2.93 | .46 | .46 | .92 | 8.49 | 5.49 | 13.98 | 10.28 | 7.55 | 17.83 |

From the above statement the month of July appears to have been the most fatal in its daily average for infants under 1 year of age, and for the ages of 1 to 4, inclusive. For those over 5 years of age, the month of February has the highest daily average, while March is the most fatal month to the population as a whole.

Mortality by race and sex.—The relative mortality in 1909 and 1910, arranged with reference to age of decedents generally, and of the white and colored decedents separately, may be seen in the following table:

| | White. | | | Colored. | | | Total. | | |
|--------------------------------|--------|-------|---------------------------------|----------|-------|---------------------------------|--------|-------|---------------------------------|
| | 1909 | 1910 | Increase +, decrease — | 1909 | 1910 | Increase +, decrease — | 1909 | 1910 | Increase +, decrease — |
| Under 1 year..... | 502 | 488 | — 14 | 540 | 582 | + 42 | 1,042 | 1,070 | + 28 |
| 1 year..... | 97 | 74 | — 23 | 108 | 89 | — 19 | 205 | 163 | — 42 |
| 2 years..... | 36 | 41 | + 5 | 56 | 50 | — 6 | 92 | 91 | — 1 |
| 3 years..... | 26 | 36 | + 10 | 29 | 20 | — 9 | 55 | 56 | + 1 |
| 4 years..... | 31 | 17 | — 14 | 15 | 10 | — 5 | 46 | 27 | — 19 |
| 5 to 9 years, inclusive..... | 65 | 56 | — 9 | 50 | 42 | — 8 | 115 | 98 | — 17 |
| 10 to 19 years, inclusive..... | 109 | 104 | — 5 | 145 | 122 | — 23 | 254 | 226 | — 28 |
| 20 to 29 years, inclusive..... | 243 | 233 | — 10 | 346 | 343 | — 3 | 589 | 576 | — 13 |
| 30 to 39 years, inclusive..... | 327 | 303 | — 24 | 332 | 352 | + 20 | 659 | 655 | — 4 |
| 40 to 49 years, inclusive..... | 338 | 340 | + 2 | 273 | 327 | + 54 | 611 | 667 | + 56 |
| 50 to 59 years, inclusive..... | 439 | 429 | — 10 | 264 | 337 | + 73 | 703 | 766 | + 63 |
| 60 to 69 years, inclusive..... | 590 | 690 | + 100 | 219 | 256 | + 37 | 809 | 946 | + 137 |
| 70 to 79 years, inclusive..... | 556 | 640 | + 84 | 131 | 154 | + 23 | 687 | 794 | + 107 |
| 80 to 89 years, inclusive..... | 231 | 263 | + 32 | 58 | 52 | — 6 | 289 | 315 | + 26 |
| 90 years and over..... | 32 | 40 | + 8 | 28 | 21 | — 7 | 60 | 61 | + 1 |
| Total..... | 3,622 | 3,754 | + 132 | 2,594 | 2,757 | + 163 | 6,216 | 6,511 | + 295 |

The relative mortality for 1909 and 1910, with respect to the nativity of decedents, may be seen in the following table:

| Nativity. | 1909 | 1910 | Increase +, Decrease -. |
|-----------------------------------|-------|-------|----------------------------|
| District of Columbia: | | | |
| White male..... | 735 | 737 | + 2 |
| White female..... | 623 | 546 | - 77 |
| Colored male..... | 641 | 634 | - 7 |
| Colored female..... | 593 | 585 | - 8 |
| Total..... | 2,592 | 2,502 | - 90 |
| Other parts of the United States: | | | |
| White male..... | 858 | 904 | + 46 |
| White female..... | 738 | 829 | + 91 |
| Colored male..... | 631 | 726 | + 95 |
| Colored female..... | 636 | 711 | + 75 |
| Total..... | 2,863 | 3,170 | + 308 |
| Foreign: | | | |
| White male..... | 355 | 400 | + 45 |
| White female..... | 249 | 278 | + 29 |
| Colored male..... | 8 | 6 | - 2 |
| Colored female..... | 1 | 2 | + 1 |
| Total..... | 613 | 686 | + 73 |
| Unknown: | | | |
| White male..... | 45 | 37 | - 8 |
| White female..... | 19 | 23 | + 4 |
| Colored male..... | 49 | 69 | + 20 |
| Colored female..... | 35 | 24 | - 11 |
| Total..... | 148 | 153 | + 5 |
| Grand total..... | 6,216 | 6,511 | + 295 |

Mortality with reference to specified causes.—Below follows a classification of deaths during 1910, according to certain defined groups of diseases, arranged with reference to race and sex, and showing the relative mortality in 1909 and 1910 with respect to these disease groups. For more detailed information concerning the separate diseases comprised in these various groups, the number of deaths, and other similar information, reference is invited to the statistical tables of the appendix.

Deaths, 1910.

| Disease group. | White. | | Colored. | | Total. | | |
|----------------------------|--------|---------|----------|---------|--------|----------|-------|
| | Male. | Female. | Male. | Female. | White. | Colored. | All. |
| General diseases..... | 483 | 419 | 373 | 338 | 902 | 711 | 1,613 |
| Diseases of— | | | | | | | |
| Nervous system..... | 260 | 184 | 117 | 107 | 444 | 224 | 668 |
| Circulatory system..... | 307 | 239 | 184 | 141 | 546 | 325 | 871 |
| Respiratory system..... | 224 | 191 | 219 | 203 | 415 | 422 | 837 |
| Digestive system..... | 207 | 177 | 165 | 177 | 384 | 342 | 726 |
| Genito-urinary system..... | 237 | 141 | 124 | 127 | 378 | 251 | 629 |
| Puerperal condition..... | | 34 | | 30 | 34 | 30 | 64 |
| Skin, etc..... | 4 | 6 | 6 | 8 | 10 | 14 | 24 |
| Organs of locomotion..... | 8 | 2 | 7 | 6 | 10 | 13 | 23 |
| Malformations..... | 8 | 6 | 2 | 2 | 14 | 4 | 18 |
| Infancy..... | 92 | 79 | 104 | 80 | 171 | 184 | 355 |
| Old age..... | 69 | 93 | 26 | 38 | 152 | 64 | 216 |
| Violence..... | 171 | 71 | 85 | 43 | 242 | 128 | 370 |
| Ill-defined diseases..... | 18 | 34 | 23 | 22 | 52 | 45 | 97 |
| Total..... | 2,078 | 1,676 | 1,435 | 1,322 | 3,754 | 2,757 | 6,511 |

Deaths, 1910—Continued.

| | White | | Colored. | | Total. | |
|----------------------------|-------|-------|----------|-------|--------|-------|
| | 1909 | 1910 | 1909 | 1910 | 1909 | 1910 |
| General diseases..... | 904 | 902 | 740 | 711 | 1,644 | 1,613 |
| Diseases of— | | | | | | |
| Nervous system..... | 405 | 444 | 208 | 224 | 613 | 668 |
| Circulatory system..... | 495 | 546 | 268 | 325 | 763 | 871 |
| Respiratory system..... | 401 | 415 | 412 | 422 | 813 | 837 |
| Digestive system..... | 363 | 384 | 299 | 342 | 662 | 726 |
| Genito-urinary system..... | 352 | 378 | 205 | 251 | 557 | 629 |
| Puerperal condition..... | 23 | 34 | 27 | 30 | 50 | 64 |
| Skin, etc..... | 11 | 10 | 13 | 14 | 24 | 24 |
| Organs of locomotion..... | 5 | 10 | 10 | 13 | 15 | 23 |
| Malformation..... | 19 | 14 | 2 | 4 | 21 | 18 |
| Infancy..... | 197 | 171 | 167 | 184 | 364 | 355 |
| Old age..... | 138 | 152 | 67 | 64 | 205 | 216 |
| Violence..... | 259 | 242 | 126 | 128 | 385 | 370 |
| Ill-defined diseases..... | 50 | 52 | 50 | 45 | 100 | 97 |
| Total..... | 3,622 | 3,754 | 2,594 | 2,757 | 6,216 | 6,511 |

As may be seen from the preceding statement, the number of deaths from general diseases was 31 less during 1910 than during 1909. There were 3 less deaths due to congenital malformations; 9 less due to diseases incident to early infancy; 15 less from violence; and 3 less from so-called ill-defined causes. On the other hand, an increased number of deaths during 1910 resulted from diseases of the nervous system, circulatory system, respiratory system, digestive system, genito-urinary system, and the puerperal state. Deaths from diseases of organs of locomotion were increased, and also deaths due to advanced age.

The following table shows the number of deaths from each of the diseases mentioned and the death rates for the calendar year 1910, and the average death rates for the past five years, arranged by race:

| | Deaths. | | | Death rates per 100,000. | | | | | |
|--|---------|----------|------|--------------------------|----------------------------|----------|----------------------------|-------|----------------------------|
| | | | | White. | | Colored. | | All. | |
| | White. | Colored. | All. | 1910 | Average, 1906- 1910. | 1910 | Average, 1906- 1910. | 1910 | Average, 1906- 1910. |
| Pulmonary tubercu- losis..... | 320 | 443 | 763 | 127.5 | 130.7 | 453.7 | 450.6 | 218.9 | 222.4 |
| Bright's disease..... | 320 | 204 | 524 | 127.5 | 117.6 | 209.0 | 164.3 | 150.3 | 131.0 |
| Diarrhea and enter- itis (all)..... | 169 | 199 | 368 | 67.4 | 74.2 | 203.8 | 205.5 | 105.7 | 111.9 |
| Diphtheria..... | 26 | 3 | 29 | 10.4 | 10.1 | 3.1 | 8.1 | 8.3 | 9.5 |
| Diseases of the heart. | 354 | 249 | 603 | 141.1 | 138.1 | 255.0 | 244.2 | 173.1 | 168.6 |
| Suicides..... | 72 | 8 | 80 | 28.7 | 25.7 | 8.1 | 9.3 | 22.8 | 21.0 |
| Pneumonia..... | 282 | 325 | 607 | 112.4 | 102.1 | 332.9 | 214.5 | 174.1 | 162.9 |

Suicides.—The number of suicides during 1910 was 80, of which 72 were by white people and 8 by colored. This is 14 less than the previous year's record, yet is only second to that year which held the highest number of suicides ever recorded by the health department in one year.

The means adopted for self-destruction were as follows: Inhalation of illuminating gas by 19, all of whom were white; the same number (14 white and 5 colored) used firearms; 12 took their lives by the use of carbolic acid (10 white and 2 colored); 9 by hanging (8 white and 1 colored); 5 by means of cutting instruments, all white people; 4 poisoned themselves with arsenic; 3 by mercuric chloride; 1 by opium, and 1 by potassium cyanide; 3 died by drowning; 3 jumped from high places, and 1 by inserting a sponge into the windpipe. Of these suicides, 3 were between 10 and 19 years old, 19 between 20 and 29 years, 22 between 30 and 39 years, 14 between 40 and 49 years, 13 between 50 and 59 years, 7 between 60 and 69 years, and 2 exceeded the age of 70 years. Suicides numbered among married people 32 (23 males and 9 females); among single, 31 (21 males and 10 females); among widowed 8 (5 males and 3 females), and among those whose marital relations were unknown, 9 (8 males and 1 female). Twenty-seven of those who killed themselves were born in the District of Columbia; 33 were born in other parts of the United States, 10 were foreign born, and 10 were of unknown nativity.

Whooping cough.—There were 35 deaths resulting from whooping cough, 9 white and 26 colored. This is five more than the record for 1909, and although there was a decrease among the whites (from 14 to 9) the colored deaths were increased (from 16 to 26).

Race in relation to specified diseases.—A statement is appended which shows the relative incidence of certain specified diseases among the white and colored races during the calendar year 1910:

| Diseases. | Deaths. | | Death rates per 100,000. | | Ratio of death rates white to colored. |
|---|---------|----------|--------------------------|----------|--|
| | White. | Colored. | White. | Colored. | |
| Abdominal tuberculosis..... | 7 | 6 | 2.8 | 6.1 | 1 to 2.14 |
| Abscess, acute..... | 1 | 1 | 0.4 | 1.0 | 1 to 2.50 |
| Accidents..... | 158 | 105 | 63.0 | 107.4 | 1 to 0.70 |
| Alcoholism..... | 18 | 6 | 7.1 | 6.1 | 1 to 0.86 |
| Bronchitis, acute..... | 36 | 45 | 14.3 | 46.1 | 1 to 3.22 |
| Broncho-pneumonia..... | 84 | 78 | 33.5 | 79.9 | 1 to 2.38 |
| Cerebral hemorrhage..... | 269 | 132 | 107.2 | 135.2 | 1 to 1.26 |
| Cirrhosis of liver..... | 30 | 4 | 12.0 | 4.1 | 1 to 0.34 |
| Congenital debility..... | 20 | 11 | 8.0 | 11.4 | 1 to 1.42 |
| Convulsions, infantile..... | 16 | 15 | 6.4 | 15.4 | 1 to 2.41 |
| Diarrhea and enteritis, under 2 years..... | 120 | 180 | 47.8 | 134.3 | 1 to 3.81 |
| Dysentery..... | 6 | 4 | 2.4 | 4.1 | 1 to 1.70 |
| Generalized tuberculosis..... | 2 | 1 | .8 | 1.0 | 1 to 1.25 |
| Hereditary syphilis..... | 6 | 13 | 2.4 | 13.3 | 1 to 5.54 |
| Malarial fevers..... | 4 | 5 | 1.6 | 5.1 | 1 to 3.19 |
| Marasmus, under 3 months..... | 30 | 26 | 12.0 | 26.6 | 1 to 2.22 |
| Nephritis, acute..... | 26 | 24 | 10.4 | 24.6 | 1 to 2.36 |
| Nephritis, chronic..... | 320 | 204 | 127.5 | 209.0 | 1 to 1.64 |
| Pericarditis, endocarditis and myocarditis..... | 70 | 43 | 27.9 | 44.0 | 1 to 1.68 |
| Pneumonia, lobar, etc..... | 198 | 247 | 78.9 | 253.0 | 1 to 3.21 |
| Premature birth..... | 95 | 117 | 37.8 | 119.8 | 1 to 3.17 |
| Puerperal eclampsia..... | 4 | 4 | 1.6 | 4.1 | 1 to 2.56 |
| Puerperal peritonitis..... | 2 | 4 | .8 | 4.1 | 1 to 5.13 |
| Puerperal septicemia..... | 11 | 14 | 4.4 | 14.3 | 1 to 3.25 |
| Pulmonary hemorrhage..... | 4 | 15 | 1.6 | 15.4 | 1 to 9.63 |
| Rheumatism, acute..... | 12 | 8 | 4.7 | 8.2 | 1 to 1.74 |
| Rickets..... | 1 | 6 | .4 | 6.1 | 1 to 15.25 |
| Senility..... | 152 | 64 | 60.6 | 65.5 | 1 to 1.08 |
| Suicides..... | 72 | 8 | 28.7 | 8.2 | 1 to 0.29 |
| Tuberculosis of lungs..... | 320 | 443 | 127.5 | 453.7 | 1 to 3.56 |
| Typhoid fever..... | 49 | 32 | 19.5 | 32.8 | 1 to 1.68 |
| Valvular disease of the heart..... | 340 | 243 | 135.5 | 248.9 | 1 to 1.84 |
| Whooping cough..... | 9 | 26 | 3.6 | 26.6 | 1 to 7.39 |

MORTALITY JANUARY TO JUNE, INCLUSIVE, 1911.

The following is a comparative summary of the mortality during the first six months of 1910 and 1911. This statement is appended in order to bring this report as nearly up to date as possible.

| Cause of death. | White. | | Colored. | | Total. | |
|--------------------------------|--------|-------|----------|-------|--------|-------|
| | 1910 | 1911 | 1910 | 1911 | 1910 | 1911 |
| External causes: | | | | | | |
| Accidents and negligence..... | 72 | 79 | 42 | 40 | 114 | 119 |
| Homicides..... | 3 | 9 | 10 | 4 | 13 | 13 |
| Suicides..... | 42 | 43 | 4 | 2 | 46 | 45 |
| Sunstrokes..... | | 1 | 1 | 3 | 1 | 4 |
| Natural causes..... | 1,885 | 1,808 | 1,338 | 1,210 | 3,223 | 3,018 |
| Total..... | 2,002 | 1,940 | 1,395 | 1,259 | 3,397 | 3,199 |
| Special diseases: | | | | | | |
| Scarlet fever..... | 8 | 3 | 3 | ..... | 11 | 3 |
| Diphtheria and croup..... | 18 | 10 | 1 | 3 | 19 | 13 |
| Measles..... | | 15 | 2 | 6 | 2 | 21 |
| Whooping cough..... | 6 | 8 | 13 | 7 | 19 | 15 |
| Diarrheal diseases— | | | | | | |
| Under 2 years..... | 22 | 11 | 41 | 18 | 63 | 29 |
| 2 years and over..... | 15 | 17 | 7 | 8 | 22 | 25 |
| Dysentery— | | | | | | |
| Under 2 years..... | 1 | ..... | ..... | ..... | 1 | ..... |
| 2 years and over..... | 3 | 1 | 1 | ..... | 4 | 1 |
| Typhoid fever..... | 22 | 20 | 6 | 7 | 28 | 27 |
| Malarial fevers..... | | | 2 | 2 | 2 | 2 |
| Pulmonary tuberculosis..... | 173 | 171 | 236 | 195 | 409 | 366 |
| Pneumonia..... | 199 | 186 | 217 | 203 | 416 | 389 |
| Bronchitis..... | 45 | 31 | 30 | 28 | 75 | 59 |
| Congestion of lungs..... | 12 | 10 | 5 | 6 | 17 | 16 |
| Rheumatism..... | 18 | 10 | 10 | 4 | 28 | 14 |
| All other diseases..... | 1,343 | 1,315 | 764 | 725 | 2,117 | 2,040 |
| External causes, as above..... | 117 | 132 | 57 | 49 | 174 | 181 |
| Total..... | 2,002 | 1,940 | 1,395 | 1,259 | 3,397 | 3,199 |

The number of live births registered during the calendar year 1910 was 7,031. These figures represent 4,639 white children and 2,392 colored, of which 5,917 were reported by physicians and 1,114 by midwives. The number of twin children was 131, 84 among the whites and 47 among the colored.

Five hundred and sixty illegitimate children were recorded, of whom 84 were white and 476 colored.

These 7,031 births represent approximately a birth rate per 1,000 inhabitants of 20.2. Birth rates are commonly given as a proportion of the entire population, irrespective of the number of women included in that population who are at the age of childbearing. It seems more logical that they be calculated upon the basis of the proportion of women of marriageable age. In the absence, however, of information as to the number of women of this age, this method of calculating the District birth rates can not be used.

Stillbirths.—The recorded number of stillbirths during 1910 was 554. This is a decrease of 31 since 1909. In this connection it is recommended that the coroner be requested to report each month to the health officer the number of stillbirths certified to, which occur in the practice of midwives, giving names and addresses of parents and the names and addresses of midwives in attendance.

It is also recommended that stricter means be employed in the supervision of the practice of midwives. The health department should know of every case of puerperal fever, and of every case of rise of temperature associated with septic condition. With this information at hand, thorough investigations could be made early, appropriate action taken, sources of possible infection of other cases destroyed, and avoidable mortality from puerperal sepsis diminished.

Very respectfully,

A. C. PATTERSON, M. D., *Clerk.*

Dr. WM. C. WOODWARD,
Health Officer, District of Columbia.

APPENDIX H.

VITAL STATISTICS.

TABLE 1a.—Deaths and death rates in the District of Columbia during the calendar year 1910, arranged with reference to race and sex and classified with reference to causes of death.

| Cause of death. | | Total deaths. | | General death rates. | | | Percentage of each cause to total mortality. | Deaths, by race and sex. | | | | | | Total by sex. | | Total deaths preceding year. | Variation in deaths in present, as compared with preceding year. | | | |
|----------------------|--|---------------|--|----------------------|--|--|--|--------------------------|----|------|----|----------|------|---------------|----|------------------------------|--|-----|----|----|
| | | | | | | | | White. | | | | Colored. | | | | | | | | |
| | | | | | | | | M. | | F. | | M. | F. | | | | | | | |
| | | | | | | | | W. | C. | ALL. | W. | C. | ALL. | M. | F. | | | | M. | F. |
| I.—General diseases. | | | | | | | | | | | | | | | | | | | | |
| 1 | Typhoid fever..... | | | | | | | | | | | | | | | | | 33 | | |
| 2 | Exanthematous typhus..... | | | | | | | | | | | | | | | | | 114 | | |
| 3 | Recurrent fever..... | | | | | | | | | | | | | | | | | 9 | | |
| 4 | Malarial fevers..... | | | | | | | | | | | | | | | | | 7 | | |
| 5 | Varola..... | | | | | | | | | | | | | | | | | 3 | | |
| 6 | Measles..... | | | | | | | | | | | | | | | | | 38 | | |
| 7 | Scarlet fever..... | | | | | | | | | | | | | | | | | 26 | | |
| 8 | Diphtheria..... | | | | | | | | | | | | | | | | | 30 | | |
| 9 | Diphtheria and croup..... | | | | | | | | | | | | | | | | | 43 | | |
| 10 | Grippe..... | | | | | | | | | | | | | | | | | 48 | | |
| 11 | Miliary fever (sweating)..... | | | | | | | | | | | | | | | | | 37 | | |
| 12 | Asiatic cholera..... | | | | | | | | | | | | | | | | | 1 | | |
| 13 | Cholera morbus..... | | | | | | | | | | | | | | | | | 2 | | |
| 14 | Dysentery..... | | | | | | | | | | | | | | | | | 1 | | |
| 15 | Pest (plague or bubonic plague)..... | | | | | | | | | | | | | | | | | 7 | | |
| 16 | Yellow fever..... | | | | | | | | | | | | | | | | | 3 | | |
| 17 | Leprosy..... | | | | | | | | | | | | | | | | | 16 | | |
| 18 | Erysipelas..... | | | | | | | | | | | | | | | | | 4 | | |
| 19 | Other epidemic affections..... | | | | | | | | | | | | | | | | | 6 | | |
| 20 | Septicemia..... | | | | | | | | | | | | | | | | | 2 | | |
| 21 | Glanders and farcy..... | | | | | | | | | | | | | | | | | 8 | | |
| 22 | Malignant pustule and charbon (anthrax)..... | | | | | | | | | | | | | | | | | 7 | | |
| 23 | Rabies (hydrophobia)..... | | | | | | | | | | | | | | | | | 6 | | |
| 24 | Actinomycosis, trichinosis, etc..... | | | | | | | | | | | | | | | | | 11 | | |
| 25 | Pellagra..... | | | | | | | | | | | | | | | | | 2 | | |
| 26 | Tuberculosis, laryngeal..... | | | | | | | | | | | | | | | | | 1 | | |
| 27 | Tuberculosis, pulmonary..... | | | | | | | | | | | | | | | | | 2 | | |

| | | | | | | | | | | | | | | | |
|----|---|----|----|----|------|------|------|-----|----|----|----|----|----|----|----|
| 28 | Tuberculosis, meningial | 16 | 8 | 24 | .064 | .082 | .068 | 8 | 8 | 6 | 2 | 14 | 10 | 41 | 17 |
| 29 | Tuberculosis, abdominal | 7 | 6 | 13 | .028 | .001 | .037 | 37 | 6 | 1 | 3 | 9 | 4 | 22 | 9 |
| 30 | Tuberculosis, spinal (Pott's disease) | 4 | 1 | 5 | .016 | .010 | .014 | .08 | 1 | 3 | 1 | 1 | 4 | 5 | |
| 31 | Cold abscess and proas abscess | | | | | | | | | | | | | | |
| 32 | White swelling (tuberculosis of joints) | 1 | 7 | 8 | .004 | .072 | .023 | .12 | 1 | 5 | 2 | 6 | 2 | 3 | 5 |
| 33 | Tuberculosis of tuberculous of joints | 3 | 2 | 5 | .012 | .021 | .014 | .08 | 1 | 1 | 1 | 1 | 2 | 3 | 10 |
| 34 | Tuberculosis, generalized | 2 | 1 | 3 | .008 | .010 | .009 | .05 | 2 | 1 | | | 2 | 11 | 8 |
| 35 | Scrofula | | | | | | | | | | | | | | |
| 36 | Syphilis, congenital | 6 | 13 | 19 | .024 | .133 | .055 | .29 | 5 | 1 | 6 | 7 | 8 | 17 | 2 |
| 37 | Syphilis, constitutional | 8 | 9 | 17 | .032 | .092 | .049 | .26 | 6 | 2 | 3 | 12 | 5 | 14 | 3 |
| 38 | Gonorrhea (5 years and over) | | | | | | | | | | | | | | |
| 39 | Gonorrhea (under 5 years) | 1 | | 1 | .004 | | .003 | .02 | 1 | | | 1 | | | 1 |
| 40 | Cancer and other malignant tumors of the buccal cavity: | | | | | | | | | | | | | | |
| | 1. Of jaw | 1 | 1 | 2 | .004 | .010 | .006 | .03 | 1 | 1 | | 2 | | 8 | 6 |
| | 2. Of lips | | 1 | 1 | | .010 | .003 | .01 | | 1 | | 1 | | 2 | 1 |
| | 3. Of palate | 1 | | 1 | .004 | | .003 | .02 | 1 | | | 1 | | | |
| | 4. Of tongue | 6 | 1 | 7 | .024 | .010 | .11 | .11 | 6 | 1 | | 7 | | 4 | 3 |
| 40 | Cancer of stomach and liver, etc.: | | | | | | | | | | | | | | |
| | 1. Of esophagus | 4 | | 4 | .016 | | .011 | .06 | 3 | 1 | | 3 | 1 | 4 | 4 |
| | 2. Of liver | 25 | 1 | 26 | .100 | .011 | .074 | .40 | 11 | 14 | 1 | 11 | 15 | 31 | 5 |
| 41 | Cancer of intestines | 33 | 13 | 46 | .133 | .132 | .132 | .71 | 13 | 18 | 6 | 22 | 24 | 38 | 12 |
| 42 | Cancer of female genital organs: | 43 | 9 | 52 | .171 | .092 | .149 | .80 | 22 | 21 | 1 | 8 | 23 | 36 | 16 |
| | 1. Of ovary | 3 | | 3 | .012 | | .009 | .04 | | 3 | | | 3 | 3 | 3 |
| | 2. Of uterus | 36 | 17 | 53 | .143 | .174 | .152 | .81 | | 36 | 17 | | 53 | 54 | 1 |
| 43 | Cancer of breast | 26 | 4 | 30 | .104 | .041 | .085 | .46 | | 26 | 4 | | 30 | 26 | 4 |
| 44 | Cancer of face (skin, etc.) | 8 | 2 | 10 | .032 | .021 | .029 | .15 | 5 | 3 | | 7 | 3 | 7 | 3 |
| 45 | Cancer and other malignant tumors of other organs (unclassified): | | | | | | | | | | | | | | |
| | 1. Of abdomen | 6 | | 6 | .024 | | .017 | .09 | 3 | 4 | | 3 | 3 | 5 | 1 |
| | 2. Of bladder | 15 | | 15 | .060 | | .043 | .25 | 11 | | 11 | 11 | 4 | 5 | 10 |
| | 3. Of brain | 2 | | 2 | .008 | | .003 | .03 | 1 | | | 1 | 1 | 1 | 1 |
| | 4. Of eye | 1 | | 1 | .004 | | .003 | .03 | 1 | 1 | | 1 | 1 | 1 | 1 |
| | 5. Of glands | 2 | | 2 | .008 | | .003 | .05 | | 2 | | | 3 | 3 | 3 |
| | 6. Of head | 2 | 1 | 3 | .008 | .010 | .009 | .05 | 1 | 1 | 1 | 1 | 1 | 5 | 3 |
| | 7. Of kidney | 2 | | 2 | .008 | | .003 | .03 | 1 | | | 2 | 3 | 3 | 1 |
| | 8. Of larynx | 2 | | 2 | .008 | | .003 | .03 | 2 | | | 1 | 3 | 3 | 2 |
| | 9. Of lung | 5 | 5 | 10 | .020 | .014 | .014 | .06 | 3 | 2 | | 3 | 3 | 3 | 1 |
| 10 | Neck | 4 | | 4 | .016 | | .011 | .08 | 3 | 1 | | 3 | 1 | 4 | 1 |
| 11 | Pancreas | 1 | | 1 | .004 | | .003 | .02 | 1 | | | 1 | 1 | 1 | 3 |
| 12 | Penis | 1 | | 1 | .004 | | .003 | .02 | 1 | | | 1 | 1 | 1 | 1 |
| 13 | Perineum | 1 | | 1 | .004 | | .003 | .01 | 1 | | | 1 | 1 | 1 | 1 |
| 14 | Prostate | 1 | | 1 | .004 | | .003 | .01 | 1 | | | 1 | 1 | 1 | 1 |
| 15 | Shoulder | 3 | 3 | 6 | .012 | .031 | .017 | .09 | 3 | 3 | 3 | 6 | 3 | 3 | 3 |
| 16 | Spine | 1 | 1 | 1 | .010 | .010 | .003 | .02 | 1 | 1 | | 1 | 1 | 1 | 1 |
| 17 | Spleen | 1 | | 1 | .004 | | .003 | .02 | 1 | | | 1 | 1 | 1 | 1 |
| 18 | Throat | 2 | | 2 | .008 | | .003 | .03 | 1 | 1 | | 1 | 1 | 1 | 2 |
| 19 | Other tumors | 4 | | 4 | .016 | | .011 | .06 | 3 | 1 | | 3 | 1 | 6 | 2 |
| 46 | Rheumatism, acute | 4 | 1 | 5 | .016 | .010 | .014 | .08 | 1 | 3 | | 1 | 4 | 6 | 1 |
| 47 | Rheumatism, chronic (gout) | 12 | 8 | 20 | .047 | .082 | .057 | .31 | 5 | 7 | 1 | 7 | 14 | 18 | 2 |
| 48 | Scurvy | 10 | 8 | 18 | .040 | .082 | .052 | .28 | 3 | 7 | 5 | 3 | 8 | 10 | 12 |
| 49 | Diabetes | 48 | 5 | 53 | .191 | .051 | .152 | .81 | 28 | 20 | 4 | 1 | 32 | 46 | 7 |

TABLE 1a.—Deaths and death rates in the District of Columbia during the calendar year 1910, arranged with reference to race and sex and classified with reference to causes of death—Continued.

| Cause of death. | Deaths, by race and sex. | | | | | | | | | | | | | | | | Total deaths preceding year. | Variation in deaths in preceding year. | |
|--|--------------------------|-----|-------|----------|-------|-------|----------------------|-----|-----|-----|----------|-----|-----|-------|---------------|----|------------------------------|--|--|
| | Total deaths. | | | | | | General death rates. | | | | Colored. | | | | | | | | |
| | White. | | | Colored. | | | M. | | F. | | M. | | F. | | Total by sex. | | | | |
| | M. | F. | All. | M. | F. | All. | M. | F. | M. | F. | M. | F. | M. | F. | Total by sex. | | | | |
| I.—General diseases—Continued. | | | | | | | | | | | | | | | | | | | |
| Exophthalmic goiter..... | 6 | | 6 | .024 | | .017 | | .09 | 2 | 4 | | | 2 | 4 | 6 | | | 2 | |
| Addison's disease..... | | | | | | | | .03 | 2 | | | | 2 | | 2 | | | 7 | |
| Leukemia..... | 2 | 8 | 25 | .008 | .082 | .006 | | .38 | 9 | 8 | 3 | 5 | 12 | 13 | 15 | 10 | | | |
| Anemia and chlorosis..... | 1 | | 1 | .004 | | .003 | | .01 | | 1 | | | | | 1 | | | | |
| Other general diseases..... | 18 | 6 | 24 | .071 | .061 | .069 | | .37 | 15 | 3 | 6 | | 21 | 3 | 39 | 1 | | 15 | |
| Alcoholism..... | 1 | | 1 | .004 | | .003 | | .02 | 1 | | | | | | | | | | |
| Plumbism..... | | | | | | | | | | | | | | | | | | | |
| Other chronic poisonings (occupational)..... | 1 | | 1 | .004 | | .003 | | .02 | 1 | | | | 1 | | | 1 | | | |
| Other chronic poisonings..... | | | | | | | | | | | | | | | | | | | |
| Total..... | 902 | 711 | 1,613 | 3.596 | 7.281 | 4.629 | 24.77 | 483 | 419 | 373 | 338 | 856 | 757 | 1,644 | | | | 31 | |
| II.—Diseases of nervous system and organs of special sense. | | | | | | | | | | | | | | | | | | | |
| Encephalitis..... | 2 | | 2 | .008 | | .006 | | .03 | 2 | | | | 2 | | 2 | | | | |
| Meningitis: | | | | | | | | | | | | | | | | | | | |
| Epidemic cerebro-spinal..... | 3 | 1 | 4 | .012 | .010 | .011 | | .06 | 2 | | 1 | | 2 | 2 | 9 | | | 5 | |
| Simple ataxia, progressive..... | 30 | 8 | 38 | .119 | .082 | .109 | | .14 | 18 | 12 | 6 | 2 | 24 | 14 | 38 | | | 2 | |
| Other diseases of spinal cord: | 4 | 5 | 9 | .016 | .051 | .026 | | | 3 | 1 | 4 | | 7 | 2 | 11 | | | | |
| 1. Bulbar paralysis..... | 3 | | 3 | .012 | | .009 | | .05 | 3 | | | | 3 | | 4 | | | 1 | |
| 2. Hematomyelia..... | 1 | | 1 | .004 | | .003 | | .02 | 1 | | | | 1 | | | 1 | | | |
| 3. Myelitis..... | 2 | | 2 | .008 | | .006 | | .03 | | 2 | | | | | | | | 9 | |
| 4. Paralysis agitans..... | 1 | | 1 | .004 | | .003 | | .02 | | | | | | | | | | | |
| 5. Poliomyelitis, acute anterior (infantile paralysis)..... | 15 | 6 | 21 | .060 | .061 | .060 | | .33 | 14 | 1 | 6 | | 20 | 1 | 1 | 20 | | 2 | |
| 6. Sclerosis, cerebro-spinal..... | 2 | 2 | 4 | .008 | .020 | .011 | | .06 | 2 | | 2 | | 4 | | | 4 | | | |
| 7. Tumor of spinal cord..... | 1 | | 1 | .004 | | .003 | | .01 | 1 | | | | | | | | | | |
| Cerebral hemorrhage..... | 269 | 132 | 401 | 1.072 | 1.352 | 1.150 | 6.15 | 139 | 130 | 56 | 76 | 195 | 206 | 338 | | 63 | | | |
| Cerebral softening..... | 20 | 8 | 28 | .080 | .082 | .080 | | .43 | 15 | 5 | 6 | 2 | 21 | 7 | 17 | 11 | | | |
| Paralysis, hemiplegia, paraplegia (without specified cause)..... | 21 | 12 | 33 | .084 | .123 | .095 | | .51 | 9 | 12 | 3 | 9 | 12 | 21 | 45 | | | 12 | |
| General paralysis of insane (paralysis)..... | 27 | 15 | 36 | .083 | .154 | .103 | | .55 | 18 | 3 | 13 | 2 | 31 | 5 | 29 | 7 | | | |
| Other forms of mental alienation..... | 21 | 4 | 11 | .028 | .041 | .032 | | .17 | 7 | | 2 | 2 | 9 | 2 | 16 | | | 5 | |
| Epilepsy..... | 8 | | 8 | .032 | .082 | .046 | | .25 | 6 | | 5 | | 11 | | 25 | | | 9 | |

| | | | | | | | | | | | | | | | | | |
|--|--|-----|-----|-----|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|----|----|
| 70 | Convulsions (5 years and over) nonpuerperal. | 10 | 15 | 31 | .06 | .15 | .089 | .45 | 11 | 5 | 10 | 5 | 21 | 10 | 1 | 9 | 1 |
| 71 | Convulsions (under 5 years). | 2 | 4 | 6 | .008 | .041 | .017 | .03 | 2 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 |
| 72 | Tetanus neonatorum (trismus). | | | | | | | | | | | | | | | | |
| 73 | Chorea. | | | | | | | | | | | | | | | | |
| 74 | Other diseases of the nervous system. | | | | | | | | | | | | | | | | |
| | (a) Of the brain. | | | | | | | | | | | | | | | | |
| | 1. Hydrocephalus (acute). | 3 | | 3 | .012 | | .009 | .05 | 2 | 1 | 1 | 2 | 2 | 1 | 4 | 3 | 3 |
| | 2. Organic brain disease. | 1 | | 1 | .004 | | .003 | .02 | | | | | | 1 | 3 | 2 | 2 |
| | 3. Tumor (abscess) cerebral. | 8 | | 11 | .032 | .031 | .032 | .16 | 7 | 1 | 1 | 2 | 8 | 3 | 9 | 2 | 1 |
| | (b) Of the nervous system. | | | | | | | | | | | | | | | | |
| | 1. Neuritis | 4 | | 4 | .016 | | .011 | .06 | 4 | 4 | | | | 4 | 5 | 1 | 1 |
| 75 | Diseases of the eye and its annex. | | | | | | | | | | | | | 1 | 2 | | |
| 76 | Otitis media. | | 1 | 1 | | .010 | .003 | .02 | | | | | | 1 | 2 | | |
| | Total. | 444 | 224 | 668 | 1,770 | 2,294 | 1,917 | 10.26 | 260 | 184 | 117 | 107 | 377 | 291 | 613 | 55 | |
| III.—Diseases of the circulatory system. | | | | | | | | | | | | | | | | | |
| 77 | Pericarditis. | 4 | 5 | 9 | .016 | .051 | .026 | .14 | 3 | 1 | | 5 | 3 | 6 | 6 | 3 | |
| 78 | Endocarditis and myocarditis. | 66 | 38 | 104 | .263 | .389 | .299 | 1.60 | 34 | 32 | 15 | 23 | 49 | 55 | 62 | 42 | |
| 79 | Organic diseases of the heart: | | | | | | | | | | | | | | | | |
| | 1. Dilatation of heart. | 36 | 10 | 46 | .143 | .102 | .132 | .71 | 18 | 18 | 6 | 4 | 24 | 22 | 47 | | |
| | 2. Fatty heart. | 14 | 4 | 18 | .056 | .041 | .052 | .28 | 3 | 11 | 2 | 2 | 5 | 13 | 11 | 7 | 1 |
| | 3. Valvular disease of heart. | 290 | 229 | 519 | 1.156 | 2.346 | 1.430 | 7.97 | 159 | 131 | 139 | 90 | 298 | 221 | 494 | 25 | |
| 80 | Angina pectoris. | 14 | 6 | 20 | .056 | .061 | .057 | .31 | 11 | 3 | 3 | 3 | 14 | 6 | 21 | | 1 |
| 81 | Diseases of arteries, aneurysm, and sclerosis: | | | | | | | | | | | | | | | | |
| | 1. Aneurysm | 6 | 9 | 15 | .024 | .092 | .043 | .23 | 5 | 1 | 6 | 3 | 11 | 4 | 17 | | 2 |
| | 2. Arteriosclerosis. | 92 | 15 | 107 | .367 | .154 | .307 | 1.64 | 60 | 32 | 9 | 0 | 69 | 38 | 84 | 23 | |
| 82 | Embolism (nonpuerperal). | 17 | 4 | 21 | .068 | .041 | .060 | .32 | 9 | 8 | 1 | 3 | 10 | 11 | 9 | 12 | |
| 83 | Diseases of veins (varices, hemorrhoids, etc.) | | 2 | 2 | | .021 | .006 | .03 | | | | 2 | | 2 | 3 | | 1 |
| 84 | Hemorrhages. | | | | | | | | | | | | | | | | |
| 85 | 1. Hemiplegia. | 2 | 2 | 4 | .008 | .020 | .011 | .06 | 1 | 1 | 2 | | 3 | 1 | 4 | | |
| | 2. Purpura hemorrhagica. | 5 | 1 | 6 | .020 | .010 | .017 | .09 | 4 | 1 | 1 | | 5 | 1 | 5 | 1 | |
| 86 | Other diseases of circulatory system. | | | | | | | | | | | | | | | | |
| | Total. | 546 | 325 | 871 | 2,177 | 3,328 | 2,500 | 13.35 | 307 | 239 | 184 | 141 | 491 | 380 | 763 | 8 | |
| IV.—Diseases of the respiratory system. | | | | | | | | | | | | | | | | | |
| 87 | Diseases of the nasal fossae. | | | | | | | | | | | | | | | | |
| 88 | Diseases of the larynx: | | | | | | | | | | | | | | | | |
| | 1. Laryngeal abscess. | 1 | 1 | 1 | .004 | .010 | .003 | .02 | 1 | 1 | 1 | | 1 | 1 | 5 | | 4 |
| | 2. Laryngismus stridulus. | | | | | | | | | | | | | | | | |
| 89 | Diseases of the thyroid body. | 26 | 23 | 49 | .104 | .236 | .140 | .75 | 15 | 11 | 10 | 13 | 25 | 24 | 22 | 27 | 1 |
| 90 | Bronchitis, acute; and under 5 years. | 10 | 22 | 32 | .040 | .225 | .092 | .49 | 6 | 4 | 7 | 15 | 13 | 19 | 46 | | 14 |
| | Bronchitis, capillary. | 47 | 10 | 57 | .187 | .102 | .163 | .87 | 23 | 24 | 8 | 31 | 26 | 43 | 14 | | |
| 91 | Bronchitis, chronic; and 5 years and over. | 84 | 78 | 162 | .335 | .799 | .465 | 2.49 | 45 | 39 | 33 | 45 | 81 | 104 | 184 | | 2 |
| 92 | Pneumonia, broncho, lobular, catarrhal. | 198 | 247 | 445 | .789 | 2.530 | 1.676 | 6.75 | 104 | 93 | 139 | 108 | 243 | 262 | 484 | 11 | |
| 93 | Pneumonia, lobar, croupous, etc. | | | | | | | | | | | | | | | | |
| 94 | Pleuritis, empyema, etc. | 24 | 6 | 30 | .060 | .061 | .086 | .46 | 8 | 2 | 4 | 2 | 20 | 10 | 40 | 3 | 10 |
| 95 | Pulmonary congestion. | | | | | | | | | | | | | | | | |
| | Pulmonary edema and apoplexy. | 10 | 7 | 17 | .040 | .072 | .049 | .28 | 6 | 4 | 2 | 5 | 8 | 9 | 10 | 7 | |

TABLE 1a.—Deaths and death rates in the District of Columbia during the calendar year 1910, arranged with reference to race and sex and classified with reference to causes of death.—Continued.

| Cause of death. | Total deaths. | | | | General death rates. | | | | Percentage of each cause to total mortality. | Deaths, by race and sex. | | | | Total by sex. | | Total deaths preceding year. | Variation in deaths in present, as compared with preceding year. | |
|---|---------------|----|------|--|----------------------|------|------|-----|--|--------------------------|----|----|----|---------------|----|------------------------------|--|-----------|
| | | | | | | | | | | | | | | | | | Increase. | Decrease. |
| | | | | | | | | | | | | | | | | | | |
| | W. | C. | All. | | W. | C. | All. | | | M. | F. | M. | F. | M. | F. | | | |
| IV.—Diseases of the respiratory system—Continued. | | | | | | | | | | | | | | | | | | |
| 96 | 1 | 1 | 2 | | .004 | .010 | .006 | .03 | 1 | | 1 | | | 2 | | 2 | | 8 |
| 97 | | 6 | 6 | | | .061 | .017 | .09 | | | 3 | 3 | | 3 | | 14 | | 2 |
| 98 | | | | | | | | | | | | | | | | 2 | | |
| 99 | | | | | | | | | | | | | | | | | | |
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[illegible]

VI.—Diseases of the genito-urinary system.

| | | | | | | | | | | | | | | | | |
|-----|--|-----|-----|-----|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|----|
| 119 | Nephritis, acute..... | 26 | 24 | 50 | 1,104 | 2,246 | 1,143 | .77 | 19 | 7 | 14 | 10 | 33 | 17 | 65 | 15 |
| 120 | Nephritis, chronic, interstitial..... | 320 | 204 | 524 | 1,275 | 2,660 | 1,503 | 8.04 | 199 | 121 | 102 | 102 | 301 | 223 | 433 | 91 |
| 121 | Other diseases or kidneys and their adnexa: | | | | | | | | | | | | | | | |
| 121 | 1. Pyonephrosis..... | 3 | 2 | 5 | .012 | .020 | .014 | .08 | 3 | 1 | 2 | | 5 | 1 | 5 | |
| 122 | Urinary calculus..... | 1 | | 1 | .003 | .003 | .02 | .03 | 1 | 1 | | | 1 | 1 | 1 | |
| 123 | Diseases of the bladder (cystitis)..... | 8 | 2 | 10 | .032 | .020 | .029 | .15 | 8 | 1 | 1 | 1 | 9 | 1 | 11 | 1 |
| 124 | Diseases of the urethra (stricture)..... | 1 | | 1 | .001 | .001 | .001 | .01 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 1 |
| 125 | Diseases of the prostate..... | 2 | 2 | 2 | .021 | .021 | .006 | .03 | | | | | | | | |
| 125 | 1. Hypertrophy..... | 6 | 2 | 8 | .024 | .020 | .023 | .12 | 6 | 2 | 2 | 2 | 8 | 8 | 10 | 2 |
| 125 | 2. Prostatitis..... | 1 | 1 | 2 | .004 | .010 | .006 | .03 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | |
| 126 | Nonvenereal diseases of male genital organs..... | | | | | | | | | | | | | | | |
| 127 | Metritis..... | 1 | | 1 | .004 | | .003 | .01 | 1 | 1 | | | 1 | 1 | 1 | |
| 128 | Uterine hemorrhage..... | | | | | | | | | | | | | | | |
| 129 | Uterine fibroma..... | 4 | 5 | 9 | .016 | .051 | .026 | .14 | | 4 | | 5 | 9 | 6 | 3 | |
| 130 | Other diseases of the uterus: | | | | | | | | | | | | | | | |
| 130 | 1. Prolapsus..... | 1 | 1 | 1 | .003 | .010 | .003 | .02 | | | | 1 | 1 | 1 | 1 | |
| 130 | 2. Endometritis..... | 3 | 2 | 5 | .012 | .021 | .014 | .08 | 3 | | | 2 | 5 | 2 | 3 | |
| 131 | Ovarian cysts..... | 1 | 1 | 2 | .004 | .010 | .006 | .03 | 1 | 1 | 1 | 1 | 2 | 6 | 3 | 4 |
| 132 | Psoas abscess..... | 3 | 5 | 8 | .012 | .051 | .023 | .12 | 3 | 3 | | 5 | 8 | 6 | 2 | |
| 133 | Nonpuerperal diseases of the breast..... | | | | | | | | | | | | | | | |
| 133 | Total..... | 378 | 251 | 629 | 1,507 | 2,570 | 1,805 | 9.66 | 237 | 141 | 124 | 127 | 361 | 268 | 557 | 72 |

VII.—*The puerperal state.*

[illegible]

TABLE 1a.—Deaths and death rates in the District of Columbia during the calendar year 1910, arranged with reference to race and sex and classified with reference to causes of death—Continued.

| Cause of death. | Total deaths. | | | | General death rates. | | | | Percentage of each cause to total mortality. | Deaths, by race and sex. | | | | | | Total by sex. | | Total deaths preceding year. | Variation in deaths in preceding year, as compared with preceding year. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | W. | C. | All. | | W. | C. | All. | | | M. | F. | | M. | F. | | M. | F. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 136 | Other accidents of labor: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 4. Opium..... | 3 | 1 | 3 | .012 | .009 | .005 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 3 |
| 5. Phosphorus..... | 1 | 1 | 1 | .004 | .003 | .001 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 |
| 6. Potassium..... | 1 | 1 | 1 | .004 | .003 | .002 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 |
| Other external violence: | | | | | | | | | | | | | | |
| 1. Asphyxia..... | 1 | 1 | 2 | .004 | .010 | .006 | .03 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 2. Difficult labor (child)..... | 14 | 1 | 4 | .055 | .041 | .051 | .28 | 8 | 6 | 3 | 1 | 19 | 2 | 1 |
| 3. Homicide— | | | | | | | | | | | | | | |
| (a) Abortion..... | | | 4 | | .041 | .011 | .06 | | | 4 | | 1 | 3 | |
| (b) Cutting instrument..... | 1 | 3 | 4 | .004 | .031 | .011 | .06 | 1 | 2 | 2 | 2 | 3 | 1 | 3 |
| (c) Fracture of skull..... | 5 | 5 | 1 | .020 | .011 | .017 | .09 | 5 | 1 | 1 | 2 | 6 | 1 | 5 |
| (d) Firearms..... | 5 | 7 | 12 | .020 | .072 | .034 | .18 | 2 | 3 | 5 | 2 | 7 | 5 | 11 |
| (e) Run down by automobile..... | 1 | 1 | 1 | .004 | .003 | .003 | .02 | 1 | | | 2 | 1 | 1 | 1 |
| 4. Overlaid child, by mother..... | | | 2 | | .020 | .006 | .03 | | | 2 | 2 | 4 | | 2 |
| Total..... | 242 | 128 | 370 | .965 | 1,311 | 1,062 | 5,68 | 171 | 71 | 85 | 43 | 256 | 114 | 385 |
| Dropsy..... | | | | | | | | | | | | | | |
| Sudden death..... | | | | | | | | | | | | | | |
| Unspecified or ill-defined causes of death: | | | | | | | | | | | | | | |
| 1. Dentition..... | 2 | 2 | 2 | .021 | .006 | .03 | | | 2 | | | 2 | 2 | 6 |
| 2. General debility..... | 7 | 4 | 11 | .028 | .041 | .032 | .17 | 1 | 6 | 3 | 1 | 4 | 7 | 2 |
| 3. Gout (3 months and over)..... | 4 | 5 | 9 | .010 | .051 | .026 | .14 | 3 | 1 | 1 | 1 | 7 | 2 | 6 |
| 4. Marasmus (3 months and over)..... | 41 | 34 | 75 | .163 | .348 | .215 | 1.15 | 14 | 27 | 14 | 20 | 28 | 47 | 88 |
| Total..... | 52 | 45 | 97 | .207 | .461 | .279 | 1.49 | 18 | 34 | 23 | 22 | 41 | 56 | 100 |
| RECAPITULATION. | | | | | | | | | | | | | | |
| I. General diseases..... | 902 | 711 | 1,613 | 3,596 | 7,231 | 4,629 | 24,77 | 483 | 419 | 373 | 338 | 856 | 737 | 1,644 |
| II. Diseases of nervous system and organs of special sense..... | 444 | 224 | 668 | 1,770 | 2,294 | 1,917 | 10,26 | 240 | 184 | 117 | 147 | 377 | 291 | 513 |
| III. Diseases of circulatory system..... | 546 | 325 | 871 | 2,328 | 3,328 | 2,950 | 13,38 | 307 | 233 | 184 | 141 | 431 | 380 | 763 |
| IV. Diseases of respiratory system..... | 415 | 422 | 537 | 1,553 | 2,321 | 2,402 | 12,86 | 224 | 191 | 216 | 293 | 433 | 394 | 833 |
| V. Diseases of digestive system..... | 384 | 342 | 796 | 1,531 | 3,502 | 2,084 | 11,15 | 207 | 177 | 165 | 177 | 372 | 362 | 664 |
| VI. Diseases of genito-urinary system..... | 378 | 251 | 629 | 1,507 | 2,570 | 1,805 | 9,66 | 237 | 141 | 124 | 127 | 301 | 268 | 557 |
| VII. The perinatal state..... | 34 | 30 | 64 | 135 | .307 | .184 | .98 | | 34 | | 30 | | 64 | 50 |
| VIII. Diseases of the skin and cellular tissue..... | 10 | 14 | 24 | .040 | .143 | .069 | .37 | 4 | 6 | 6 | 8 | 15 | 14 | 24 |
| IX. Diseases of organs of locomotion..... | 10 | 13 | 23 | .040 | .133 | .066 | .35 | 8 | 2 | 7 | 6 | 15 | 13 | 15 |
| X. Malformations..... | 17 | 4 | 18 | .055 | .041 | .052 | .28 | 8 | 6 | 2 | 2 | 10 | 8 | 21 |
| XI. Early infancy..... | 171 | 184 | 355 | .882 | 1,884 | 1,016 | 5,45 | 92 | 79 | 104 | 80 | 196 | 159 | 364 |
| XII. Old age..... | 152 | 64 | 216 | .606 | .655 | .620 | 3,32 | 59 | 98 | 26 | 38 | 85 | 131 | 205 |
| XIII. External causes..... | 242 | 128 | 370 | .965 | 1,311 | 1,062 | 5,68 | 171 | 71 | 85 | 43 | 256 | 114 | 385 |
| XIV. Ill-defined diseases..... | 52 | 45 | 97 | .207 | .461 | .279 | 1.49 | 18 | 34 | 23 | 22 | 41 | 56 | 100 |
| Total deaths from all causes..... | 3,754 | 2,757 | 6,511 | 14,968 | 28,231 | 18,685 | 100,00 | 2,078 | 1,676 | 1,435 | 1,322 | 3,513 | 2,998 | 6,216 |

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TABLE 1b.—Deaths in the District of Columbia during the calendar year 1910, arranged with reference to months and classified with reference to race, sex, and causes of death.—Continued.

| Classi- fication No. | Cause of death. | Total deaths year 1910. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|--------------------------------------|--|----------------------------------|----------|----|-------|-----------|----|-------|--------|----|-------|--------|----|-------|------|----|-------|-------|----|-------|
| | | | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. |
| | | | M. | F. | M. F. | M. | F. | M. F. | M. | F. | M. F. | M. | F. | M. F. | M. | F. | M. F. | M. | F. | M. F. |
| | | | | | | | | | | | | | | | | | | | | |
| V.—Diseases of the digestive system. | | | | | | | | | | | | | | | | | | | | |
| 100 | Stomatitis..... | 2 | | | | | | | | | | | | | | | | | | 1 |
| 101 | Tonsillitis, suppurative..... | 5 | | | | | | | | | | | | | | | | | | |
| 102 | Diseases of the esophagus..... | 16 | 1 | 1 | 2 | 2 | | | | | | | | | | | | | | |
| 103 | Gastric ulcer..... | 76 | | | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 4 | 3 | 1 | 1 | 2 | 1 | 3 | 4 | 1 |
| 104 | Other diseases of the stomach (cancer excepted): | 56 | 3 | 2 | 2 | 1 | | | | | | | | | | | | | | |
| | 1. Gastritis..... | | | | | | | | | | | | | | | | | | | |
| | 2. Indigestion..... | | | | | | | | | | | | | | | | | | | |
| 105 | Diarrhea and enteritis (under 2 years): | 61 | | | | | | | | | | | | | | | | | | |
| | 1. Cholera infantum..... | 17 | | | | | | | | | | | | | | | | | | |
| | 2. Diarrhea..... | 98 | | | | 1 | 1 | | | | | | | | | | | | | |
| | 3. Enteritis..... | 124 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| | 4. Gastroenteritis..... | | | | | | | | | | | | | | | | | | | |
| 106 | Diarrhea and enteritis (2 years and over): | 7 | | | | | | | | | | | | | | | | | | |
| | 1. Diarrhea..... | 29 | 1 | 2 | | | | | | | | | | | | | | | | |
| | 2. Enteritis..... | 32 | | | 1 | | | | | | | | | | | | | | | |
| | 3. Gastroenteritis..... | 1 | | | | | | | | | | | | | | | | | | |
| 107 | Parasites, intestinal..... | | | | | | | | | | | | | | | | | | | |
| 108 | Hernia and intestinal obstruction: | 13 | | | | | | | | | | | | | | | | | | |
| | 1. Hernia..... | 44 | 1 | | | | | | | | | | | | | | | | | |
| | 2. Intussusception, etc..... | | | | | | | | | | | | | | | | | | | |
| 109 | Other diseases of the intestines: | 2 | | | | | | | | | | | | | | | | | | |
| | 1. Fecal impaction..... | 2 | | | | | | | | | | | | | | | | | | |
| | 2. Fistula in ano and rectal abscess..... | 2 | | | | | | | | | | | | | | | | | | |
| | 3. Intestinal hemorrhage..... | | | | | | | | | | | | | | | | | | | |
| 110 | Yellow atrophy of liver..... | | | | | | | | | | | | | | | | | | | |
| 111 | Hydatid tumor of liver..... | | | | | | | | | | | | | | | | | | | |
| 112 | Cirrhosis of liver..... | 34 | | | 2 | | | | | | | | | | | | | | | |
| 113 | Cholelithiasis..... | 3 | | | | | | | | | | | | | | | | | | |
| 114 | Other diseases of the liver: | 8 | | | | | | | | | | | | | | | | | | |
| | 1. Cholecystitis..... | 14 | 1 | 2 | | | | | | | | | | | | | | | | |
| | 2. Hepatitis (abscess)..... | | | | | | | | | | | | | | | | | | | |
| 115 | Diseases of the spleen..... | | | | | | | | | | | | | | | | | | | |
| 116 | Peritonitis (nonpuerperal)..... | 35 | | | | | | | | | | | | | | | | | | |

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TABLE 1b.—Deaths in the District of Columbia during the calendar year 1910, arranged with reference to months and classified with reference to race, sex, and causes of death—Continued.

| Classi- fication No. | Cause of death. | Total deaths year 1910. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|---|--|----------------------------------|----------|----|----|-----------|----|----|--------|----|----|--------|----|----|------|----|----|-------|----|----|
| | | | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| VIII.—Diseases of the skin and cellular tissue. | | | | | | | | | | | | | | | | | | | | |
| 142 | Gangrene of extremities..... | 13 | | 2 | 1 | | | | | | | | | | | | | | | |
| | Gangrene of scrotum..... | 1 | | 1 | | | | | | | | | | | | | | | | |
| 143 | Gangrene of old age..... | 2 | | | | | | | | | | | | | | | | | | |
| 144 | Carbuncle..... | 6 | 1 | | | | 1 | | | | | | | | | | | | | |
| | Abscess, acute: | 1 | | | | | | | | | | | | | | | | | | |
| | 1. Abdominal..... | 1 | | | | | | | | | | | | | | | | | | |
| | 2. Cervical adenitis..... | 1 | | | | | | | | | | | | | | | | | | |
| 145 | Other diseases of the skin..... | 1 | | | | | | | | | | | | | | | | | | |
| | Total..... | 24 | 1 | 3 | 1 | | 1 | | 1 | | | 1 | 1 | | 2 | 1 | | | 2 | |
| IX.—Diseases of organs of locomotion. | | | | | | | | | | | | | | | | | | | | |
| 146 | Nontuberculous diseases of bones: | 3 | | | | | | | | | | | | | | | | | | |
| | 1. Kyphosis..... | 8 | | | | | | | | | | | | | | | | | | |
| | 2. Mastoiditis..... | 1 | | 1 | 1 | | 1 | 1 | 1 | | | | | | | | | 1 | | |
| | 3. Necrosis..... | 1 | | | | | | | | | | | | | | | | | | |
| | 4. Osteomyelitis..... | 2 | | | | | | | 1 | 1 | | | | | 1 | 1 | | | 1 | |
| | 5. Rachitis..... | 7 | | | | | | | | | | | | | | | | | | |
| 147 | Arthritis and other diseases of joints (tuberculosis and rheumatism excepted)..... | 2 | | | | | | | | | | | | | | | | 1 | | |
| 148 | Amputations..... | | | | | | | | | | | | | | | | | | | |
| 149 | Other diseases of organs of locomotion..... | | | | | | | | | | | | | | | | | | | |
| | Total..... | 23 | | | | 2 | | | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | |
| X.—Malformations. | | | | | | | | | | | | | | | | | | | | |
| 150 | Congenital malformations (stillbirths excluded): | | | | | | | | | | | | | | | | | | | |
| | 1. Congenital deformity..... | 5 | | | | | | | | | | | | | | | | | | |
| | 2. Hydrocephalus (congenital)..... | 4 | | 1 | 1 | | 1 | | 1 | | | | | | 1 | | | 1 | | |
| | 3. Open foramen ovale..... | 7 | | | | | | | | | | | | | | | | | | |
| | 4. Spina bifida..... | 2 | | | | | | | | | | | | | | | | | | |
| | Total..... | 18 | | 1 | 1 | | 1 | 1 | 1 | 2 | | 1 | | | 1 | | | 1 | | |

TABLE 1b.—Deaths in the District of Columbia during the calendar year 1910, arranged with reference to months and classified with reference to race, sex, and causes of death—Continued.

| Classi- fication No. | Cause of death. | Total deaths year 1910. | January. | | | | February. | | | | March. | | | | April. | | | | May. | | | | June. | | | |
|---|--------------------------------------|----------------------------------|----------|----|----|----|-----------|----|----|----|--------|----|----|----|--------|----|----|----|------|----|----|----|-------|----|---|---|
| | | | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | C. | | | | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | | |
| XIII.—External causes—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | Accidental traumatism—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13. Street railroad..... | 15 | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| | 14. Traumatic tetanus..... | 11 | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 15. Thrown from horse..... | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 16. Vehicles, run over by..... | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| 167 | Burns and scalds..... | 27 | 1 | 1 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 168 | Burns from corrosive substances..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Sunstroke (heat stroke)..... | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 170 | Exposure (freezing)..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | Electric shock..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 172 | Electric shock..... | 32 | | | | | | | | | | | | | | | | | | | | | | | | |
| 173 | Drowning, accidental..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| 174 | Starvation..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Absorption of deleterious gases: | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Chloroform anesthesia..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Illuminating gas..... | 19 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | |
| | Other acute poisoning (accidental): | | | | | | | | | | | | | | | | | | | | | | | | | |
| 175 | 1. Alcohol..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Lye..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Mercuric chloride..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Opium..... | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 5. Phosphorus..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6. Potassium..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 176 | Other external violence: | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Asphyxia..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Difficult labor (child)..... | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Homicide..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| | (a) Abortion..... | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | (b) Cutting instruments..... | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | (c) Fracture of skull..... | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | (d) Fire arms..... | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | (e) Run down by automobile..... | 12 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | |
| | (f) Run down by automobile..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Overlaid child, by mother..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total..... | 370 | 12 | 9 | 4 | 2 | 7 | 9 | 6 | 2 | 19 | 3 | 11 | 4 | 13 | 9 | 6 | 3 | 16 | 5 | 9 | 3 | 21 | 3 | 7 | 4 |

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(b) Of the nervous system—
1. Neuritis.
Diseases of the eye and its annexa.
Otitis media.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Total..... | 36 | 20 | 5 | 8 | 21 | 15 | 15 | 11 | 16 | 6 | 8 | 19 | 10 | 13 | 7 | 24 | 13 | 10 | 11 | 22 | 22 | 8 | 8 |
| III.—Diseases of the circulatory system. | | | | | | | | | | | | | | | | | | | | | | | |
| Pericarditis..... | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Endocarditis and myocarditis..... | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 6 | 3 | 2 | 2 | 2 |
| Organic diseases of the heart: | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Dilatation of heart..... | 9 | 6 | 6 | 6 | 8 | 3 | 9 | 5 | 7 | 6 | 9 | 10 | 7 | 6 | 9 | 6 | 17 | 10 | 17 | 8 | 14 | 15 | 12 |
| 2. Fatty heart..... | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3. Valvular disease of heart..... | | | | | | | | | | | | | | | | | | | | | | | |
| Angina pectoris..... | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of arteries, aneurism and sclerosis: | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Aneurism..... | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2. Arteriosclerosis..... | 2 | 1 | 3 | 1 | 4 | 1 | 1 | 5 | 3 | 1 | 6 | 3 | 2 | 1 | 4 | 7 | 1 | 6 | 3 | 2 | 3 | 2 | 2 |
| Embolism (nonpuerperal)..... | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of veins (varices, hemorrhoids, etc.)..... | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of lymphatic system (lymphangitis)..... | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhages: | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Hemophilia..... | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2. Purpura hemorrhagica..... | 1 | | | | | | | | | | | 1 | | | | | | | | | | | |
| Other diseases of circulatory system..... | | | | | | | | | | | | | | | | | | | | | | | |
| Total..... | 18 | 10 | 13 | 11 | 15 | 6 | 13 | 7 | 18 | 13 | 12 | 18 | 11 | 15 | 14 | 31 | 24 | 20 | 15 | 37 | 27 | 17 | 14 |

IV.—Diseases of the respiratory system.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|---|----|---|---|---|----|---|---|---|----|---|---|---|----|---|----|---|----|----|----|----|----|----|----|----|
| 87 | Diseases of the nasal fossae..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | Diseases of the larynx: | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Laryngeal abscess..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Laryngismus stridulus..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | Diseases of the thyroid body..... | 3 | 1 | 1 | 2 | | | | | | | | 2 | 2 | 1 | 1 | | | | 1 | | | | | |
| 90 | Bronchitis, acute, and under 5 years..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | Bronchitis, chronic..... | 2 | 1 | 3 | 1 | 3 | | | | | | | 2 | 3 | 1 | 1 | | | | 2 | 4 | | | | |
| 91 | Bronchitis, capillary..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | Pneumonia, lobular, catarrhal..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | Pneumonia, lobar, croupous, etc..... | 2 | 1 | 3 | 1 | 1 | 4 | 4 | 2 | 3 | 4 | 2 | 2 | 2 | 5 | 1 | 6 | 11 | 12 | 13 | 9 | 9 | 14 | 16 | |
| 94 | Pleuritis, emphysema, etc..... | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | Pulmonary congestion..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | Pulmonary edema and apoplexy..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | Pulmonary gangrene..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | Asthma..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | Emphysema of lungs..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | Other diseases of respiratory system (phthisis excepted). | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Pulmonary abscess..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Pulmonary hemorrhage..... | 1 | 1 | 1 | | | | | | | | | | | 2 | | | | | 1 | 2 | 2 | 1 | | |
| | 3. Stenosis of trachea..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total..... | 11 | 4 | 9 | 9 | 11 | 3 | 7 | 7 | 12 | 9 | 8 | 9 | 11 | 8 | 12 | 6 | 13 | 15 | 23 | 25 | 25 | 21 | 16 | 24 |

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VII.—The puerperal state.

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XI.—*Early infancy.*

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 151 | XI.—Early infancy. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Congenital debility, icterus, sclerema, etc.: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Atelectasis..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Congenital debility..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Icterus (under 3 months)..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Marasmus (under 3 months)..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5. Prematurity..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6. Asphyxia neonatorum..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 152 | Umbilical hemorrhage..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 153 | Inanition (under 3 months)..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 154 | XII.—Old age. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Senility..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 155 | XIII.—External causes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Suicide by poison: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Arsenic..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Carbolic acid..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Mercuric chloride..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Opium..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5. Potassium cyanide..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 156 | Suicide by asphyxia: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Illuminating gas..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Insertion of sponge in trachea..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 157 | Suicide by hanging..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 158 | Suicide by drowning..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 159 | Suicide by firearms..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | Suicide by cutting instruments..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161 | Suicide by jumping from high places..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 162 | Suicide by crushing..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 163 | Other suicides..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 164 | Fractures..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 165 | Dislocations..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | Accidental traumas: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Automobile..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Baseball..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Caving of bank..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Elevator..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5. Falling bodies..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6. Falls..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7. Food in larynx..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8. Gunshot..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9. Kicked by horse..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10. Punctured wound of brain..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11. Runaway horse..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12. Steam railroad..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13. Street railroad..... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 1b.—Deaths in the District of Columbia during the calendar year 1910, arranged with reference to months and classified with reference to race, sex, and causes of death.—Continued.

| Classification No. | Cause of death. | July. | | | August. | | | September. | | | October. | | | November. | | | December. | | | | | | | | |
|-----------------------------------|---|-------|----|----|---------|----|----|------------|----|----|----------|----|----|-----------|----|----|-----------|----|----|---|---|----|----|---|---|
| | | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | W. | | C. | | | | | | |
| | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| XII.—External causes—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accidental traumatism.—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | 14. Traumatic tetanus..... | | | 1 | | | 1 | | | 2 | | | | | | | | | | | | | | | |
| | 15. Thrown from horse..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16. Vehicles, run over by..... | | | 1 | | | 2 | | | 1 | | | 2 | | | 1 | | 1 | 3 | | | | | | |
| 167 | Burns and scalds..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 168 | Burns from corrosive substances..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Sunstroke (heat stroke)..... | 2 | 2 | 1 | 2 | | 1 | | | 1 | | | | | | | | | | | | | | | |
| 170 | Exposure (freezing)..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | Electric shock..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 172 | Drowning, accidental..... | 2 | | 6 | 1 | 2 | | 1 | | 1 | | 4 | | | | | | | | | | | | | |
| 173 | Starvation..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 174 | Absorption of deleterious gases: 1. Chloroform anesthesia..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Illuminating gas..... | | | | | | | | | 1 | | | | | | | | 1 | 2 | | | | | | |
| 175 | Other acute poisoning (accidental): 1. Alcohol..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Lye..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Mercuric chloride..... | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | |
| | 4. Opium..... | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| | 5. Phosphorus..... | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| | 6. Potomac..... | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| 176 | Other external violence: 1. Asphyxia..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Difficult labor (child)..... | 1 | | | | | 1 | | | | | 1 | 1 | | | | | 1 | | | | | | | |
| | 3. Homicide..... | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| | (a) Abortion..... | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| | (b) Cutting instruments..... | | | | | | 1 | | | | | | | | | | | 2 | | | | | | | |
| | (c) Fracture of skull..... | 1 | | | | | | | | | | | 1 | | | | | 1 | | | | | | | |
| | (d) Fire arms..... | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| | (e) Run down by automobile..... | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| | (f) Overlaid child, by mother..... | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total..... | 19 | 4 | 16 | 4 | 11 | 3 | 8 | 6 | 11 | 2 | 10 | 2 | 14 | 7 | 3 | 4 | 11 | 7 | 3 | 2 | 17 | 10 | 2 | 7 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| Other forms of mental alienation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epilepsy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Convulsions (5 years and over), nonpuerperal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Convulsions (under 5 years) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tetanus neonatorum (risusus) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chorea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other diseases of the nervous system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) Of the brain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Hydrocephalus (acute) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Organic brain disease | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Tumor (abscess), cerebral | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (b) Of the nervous system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Neuritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Paralysis of the eye and its adnexa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Otitis media | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| III.—Diseases of the circulatory system. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pericarditis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endocarditis and myocarditis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Organic diseases of the heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Dilatation of heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Fatty heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Valvular disease of heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angina pectoris | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of arteries, aneurysm and sclerosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Aneurysm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Arteriosclerosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Embolism (nonpuerperal) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of veins (varicose, hemorrhoids, etc.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of lymphatic system (lymphangitis) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhages | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Hemophilia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Purpura hemorrhagica | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other diseases of circulatory system | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IV.—Diseases of the respiratory system. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of the nasal fossae | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Laryngeal abscess | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Laryngismus stridulus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of the throat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Diphtheria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Scarlatina | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Erysipelas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Angina | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Epiglottitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Peritonsillitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Abscess of throat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Stomatitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Pharyngitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. Laryngitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Tracheitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. Bronchitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. Asthma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. Emphysema of lungs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other diseases of respiratory system (phthisis excepted) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Pulmonary abscess | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Pulmonary hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Stenosis of trachea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| V.—Diseases of the digestive system. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomatitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tonsillitis, suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diseases of the esophagus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gastric ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other diseases of the stomach (cancer excepted) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Gastritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Indigestion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dyspepsia and enteritis (under 2 years) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Cholera infantum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dysentery and enteritis (2 years and over) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parasites, intestinal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hernia and intestinal obstruction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Hernia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Intussusception, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other diseases of the intestines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Febrile infection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Typhoid fever | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Typhus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Cholera | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97. Dysentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98. Enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99. Enterocolitis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100. Gastro enteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

JANUARY.

| Day of month. | Color. | Deaths less those by violence, accidents and negligence. | Deaths due to external causes. | Minor contagious diseases. | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|--|--------------------------------|----------------------------|---------------------|------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| 1..... | W. C. | 8 1 | | | | | | | 3 1 | 1 1 | | | | 5 9 | 14 | |
| 2..... | W. C. | 5 8 | | | | | | | 1 1 | 1 1 | | | | 2 5 | 15 | |
| 3..... | W. C. | 6 1 | | | | | | | 1 1 | 1 1 | | | | 6 4 | 19 | |
| 4..... | W. C. | 12 1 | | | | | | | 1 1 | 1 1 | | | | 10 13 | 19 | |
| 5..... | W. C. | 8 1 | | | | | | | 1 1 | 1 1 | | | | 6 10 | 17 | |
| 6..... | W. C. | 11 1 | | | | | | | 1 1 | 1 1 | | | | 4 12 | 19 | |
| 7..... | W. C. | 8 1 | | | | | | | 1 1 | 1 1 | | | | 5 12 | 17 | |
| 8..... | W. C. | 11 1 | | | | | | | 1 1 | 1 1 | | | | 3 8 | 17 | |
| 9..... | W. C. | 6 1 | | | | | | | 1 1 | 1 1 | | | | 6 11 | 17 | |
| 10..... | W. C. | 9 5 | | | | | | | 1 1 | 1 1 | | | | 4 8 | 14 | |
| 11..... | W. C. | 13 8 | | | | | | | 1 1 | 1 1 | | | | 11 14 | 22 | |
| 12..... | W. C. | 10 10 | | | | | | | 1 1 | 1 1 | | | | 4 10 | 20 | |
| 13..... | W. C. | 12 10 | | | | | | | 2 1 | 2 1 | | | | 8 12 | 22 | |
| 14..... | W. C. | 11 9 | | | | | | | 1 1 | 1 1 | | | | 7 9 | 21 | |
| 15..... | W. C. | 11 1 | | | | | | | 2 1 | 2 1 | | | | 6 11 | 19 | |
| 16..... | W. C. | 14 8 | | | | | | | 1 1 | 1 1 | | | | 8 15 | 26 | |
| 17..... | W. C. | 11 9 | | | | | | | 2 3 | 1 1 | | | | 6 10 | 15 | |
| 18..... | W. C. | 5 7 | | | | | | | 2 3 | 1 1 | | | | 3 9 | 16 | |
| 19..... | W. C. | 13 4 | | | | | | | 1 2 | 2 2 | | | | 9 14 | 18 | |
| 20..... | W. C. | 14 12 | | | | | | | 1 2 | 5 5 | | | | 10 15 | 27 | |
| 21..... | W. C. | 10 8 | | | | | | | 1 1 | 3 1 | | | | 6 11 | 19 | |
| 22..... | W. C. | 11 6 | | | | | | | 1 3 | 3 2 | | | | 7 11 | 17 | |
| 23..... | W. C. | 5 8 | | | | | | | 2 2 | 1 1 | | | | 6 8 | 13 | |
| 24..... | W. C. | 14 10 | | | | | | | 1 1 | 2 1 | | | | 11 14 | 24 | |
| 25..... | W. C. | 9 9 | | | | | | | 3 3 | 2 2 | | | | 7 10 | 19 | |
| 26..... | W. C. | 26 8 | | | | | | | 5 2 | 1 1 | | | | 18 27 | 35 | |
| 27..... | W. C. | 13 8 | | | | | | | 2 2 | 2 2 | | | | 10 14 | 22 | |
| 28..... | W. C. | 9 1 | | | | | | | 1 1 | 4 4 | | | | 4 10 | 23 | |
| 29..... | W. C. | 13 17 | | | | | | | 3 3 | 4 4 | | | | 6 13 | 27 | |
| 30..... | W. C. | 13 11 | | | | | | | 1 1 | 4 2 | | | | 7 14 | 26 | |
| 31..... | W. C. | 15 4 | | | | | | | 5 1 | 1 1 | | | | 12 16 | 20 | |
| Total... | W. C. | 351 246 | 13 5 | 7 1 | 7 1 | 1 1 | 2 2 | 5 2 | 2 1 | 26 40 | 41 49 | 9 7 | 6 4 | 249 139 | 372 252 | 624 |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions.

JANUARY.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 40 | 11 | | 26 | | | | | | 0 | 1 |
| | | 53 | 40 | | 46 | | | | | | 0 | 2 |
| | | 55 | 37 | | 46 | | | | | | 0 | 3 |
| | | 37 | 17 | | 27 | | | | | | 0 | 4 |
| | | 26 | 16 | | 21 | | | | | | .12 | 5 |
| | | 40 | 26 | | 33 | | | | | | .56 | 6 |
| | | 37 | 21 | | 29 | | | | | | .39 | 7 |
| | | 34 | 16 | | 25 | | | | | | 0 | 8 |
| | | 40 | 16 | | 28 | | | | | | 0 | 9 |
| | | 29 | 18 | | 24 | | | | | | 0 | 10 |
| | | 34 | 14 | | 24 | | | | | | 0 | 11 |
| | | 40 | 30 | | 35 | | | | | | T. | 12 |
| | | 37 | 32 | | 34 | | | | | | .07 | 13 |
| | | 35 | 28 | | 32 | | | | | | .73 | 14 |
| | | 37 | 24 | | 30 | | | | | | 0 | 15 |
| | | 43 | 23 | | 33 | | | | | | 0 | 16 |
| | | 42 | 23 | | 32 | | | | | | .32 | 17 |
| | | 58 | 39 | | 48 | | | | | | .17 | 18 |
| | | 44 | 30 | | 37 | | | | | | 0 | 19 |
| | | 54 | 28 | | 41 | | | | | | 0 | 20 |
| | | 54 | 40 | | 48 | | | | | | .80 | 21 |
| | | 41 | 30 | | 36 | | | | | | .01 | 22 |
| | | 42 | 27 | | 34 | | | | | | 0 | 23 |
| | | 43 | 32 | | 38 | | | | | | .15 | 24 |
| | | 37 | 28 | | 32 | | | | | | .03 | 25 |
| | | 38 | 25 | | 32 | | | | | | T. | 26 |
| | | 46 | 31 | | 38 | | | | | | 0 | 27 |
| | | 40 | 32 | | 36 | | | | | | .69 | 28 |
| | | 35 | 30 | | 32 | | | | | | .35 | 29 |
| | | 43 | 26 | | 34 | | | | | | 0 | 30 |
| | | 37 | 28 | | 32 | | | | | | T. | 31 |
| 30.13 | | 41.0 | 26.4 | | 33.7 | | | | | | 4.39 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

JANUARY.

| Day of month. | Color. | Deaths less those by violence. | | Deaths due to external causes. | | Minor contagious diseases. | | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|--------------------------------|------------|--------------------------------|----------|----------------------------|-----------------------|---------------------|-----------------|----------------|-------------------------|-------------------------|-------------------------|----------------|--------------------------|----------------|-------------------------|------------------|-------------------------|
| | | Accidents and negligence. | Homicides. | Suicides. | Strokes. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. |
| 1..... | W. | 8 | 1 | | | | | | | | | 3 | 1 | | | | 5 | 9 | 14 |
| 2..... | C. | 5 | | | | | | | | | | 1 | 1 | 1 | | | 2 | 5 | 15 |
| 3..... | W. | 6 | 1 | | | | | | | | | 1 | | | | | 5 | 6 | 19 |
| 4..... | W. | 4 | 1 | | 1 | | | | | | | | | | | | 4 | 10 | 19 |
| 5..... | W. | 12 | 1 | | | | | | | | | 1 | 1 | | | | 6 | 10 | 17 |
| 6..... | W. | 8 | | 1 | | | | | | | | 1 | 1 | | | | 5 | 9 | 19 |
| 7..... | W. | 12 | | | | | | | | | | 1 | 1 | | | | 10 | 12 | 17 |
| 8..... | W. | 5 | | | | | | | | | | 1 | 1 | | | | 4 | 5 | 19 |
| 9..... | W. | 11 | | 1 | | | | | | | | 1 | 3 | | 1 | | 5 | 12 | 17 |
| 10..... | C. | 7 | | | | | | | | | | 1 | 1 | 1 | | | 6 | 7 | 17 |
| 11..... | W. | 8 | 1 | 1 | | | | | | | | 1 | 1 | | | | 3 | 8 | 17 |
| 12..... | W. | 6 | | | | | | | | | | 1 | 2 | | | | 8 | 11 | 17 |
| 13..... | W. | 11 | | | | | | | 1 | | | 1 | | | | | 4 | 6 | 14 |
| 14..... | W. | 9 | | | | | | | | | | 1 | 1 | | | | 8 | 9 | 22 |
| 15..... | C. | 5 | | | | | | | | | | 1 | 1 | | | | 1 | 5 | 20 |
| 16..... | W. | 13 | | 1 | | | | | | | | 1 | 3 | | 1 | | 11 | 14 | 20 |
| 17..... | W. | 8 | | | | | | | | | | 1 | 3 | | | | 4 | 8 | 22 |
| 18..... | W. | 10 | | | | | | | 1 | | | 1 | 2 | | | | 7 | 10 | 21 |
| 19..... | W. | 12 | | | | | | | | | | 2 | | | | | 8 | 10 | 21 |
| 20..... | W. | 10 | | | | | | | | | | 1 | 1 | | | | 9 | 11 | 22 |
| 21..... | W. | 12 | | | | | | | | | | 2 | 2 | | | | 10 | 12 | 19 |
| 22..... | W. | 9 | | | | | | | | | | 1 | 1 | | | | 8 | 9 | 17 |
| 23..... | W. | 11 | | | | | | | | | | 1 | 1 | | | | 9 | 11 | 17 |
| 24..... | W. | 9 | 1 | | 1 | | | | | | | 2 | 3 | | 1 | | 6 | 8 | 13 |
| 25..... | W. | 8 | | | | | | | | | | 1 | 1 | | | | 5 | 6 | 13 |
| 26..... | W. | 14 | 1 | | | | | | | | | 1 | 4 | | | | 8 | 15 | 26 |
| 27..... | W. | 11 | | | | | | | | | | 2 | 3 | | | | 8 | 11 | 15 |
| 28..... | W. | 9 | 1 | | | | | | | | | 2 | 1 | | | | 6 | 10 | 18 |
| 29..... | W. | 5 | | | | | | | | | | 2 | | | | | 3 | 5 | 14 |
| 30..... | W. | 7 | | | | | | | | | | 1 | 3 | 1 | | | 9 | 9 | 27 |
| 31..... | W. | 13 | | | 1 | | | | | | | 1 | 2 | | | | 3 | 7 | 27 |
| 1..... | C. | 4 | | | | | | | | | | 1 | 2 | | | | 9 | 14 | 22 |
| 2..... | C. | 14 | | | | | | | | | | 1 | 1 | | | | 10 | 15 | 27 |
| 3..... | C. | 12 | | | | | | | | | | 2 | 3 | | | | 5 | 12 | 19 |
| 4..... | C. | 10 | | | | | | | | | | 1 | 1 | | | | 6 | 8 | 17 |
| 5..... | C. | 8 | | | | | | | | | | 3 | 1 | | | | 7 | 11 | 17 |
| 6..... | C. | 11 | | | | | | | | | | 2 | 2 | | | | 4 | 6 | 13 |
| 7..... | C. | 6 | | | | | | | | | | 2 | 1 | | | | 3 | 4 | 24 |
| 8..... | C. | 5 | | | | | | | | | | 1 | 1 | | | | 2 | 3 | 19 |
| 9..... | C. | 10 | | | | | | | | | | 4 | 2 | | | | 7 | 10 | 35 |
| 10..... | C. | 26 | 1 | | | | | | | | | 5 | 1 | | | | 18 | 27 | 22 |
| 11..... | C. | 8 | | | | | | | | | | 1 | 1 | 2 | | | 4 | 8 | 23 |
| 12..... | C. | 13 | 1 | | | | | | | | | 2 | 2 | | | | 10 | 14 | 27 |
| 13..... | C. | 9 | | | | | | | | | | 1 | 1 | | | | 4 | 6 | 13 |
| 14..... | C. | 17 | 1 | | | | | | | | | 3 | 3 | | | | 6 | 13 | 27 |
| 15..... | C. | 9 | | | | | | | | | | 4 | 4 | | | | 11 | 18 | 26 |
| 16..... | C. | 13 | 1 | | | | | | | | | 1 | 4 | 2 | | | 6 | 14 | 26 |
| 17..... | C. | 11 | | | | | | | | | | 5 | 1 | | | | 4 | 12 | 20 |
| 18..... | C. | 15 | | | | | | | | | | 1 | 1 | | | | 12 | 16 | 4 |
| 19..... | C. | 4 | | | | | | | | | | 1 | 1 | | | | 1 | 4 | 6 |
| Total..... | W. | 351 | 13 | 1 | 7 | | | 7 | | 1 | 2 | 26 | 41 | 9 | 6 | 1 | 249 | 372 | 624 |
| | C. | 246 | 5 | | | 1 | | | 1 | 2 | 2 | 40 | 49 | 7 | 1 | 1 | 139 | 252 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions.

JANUARY.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 40 | 11 | | 26 | | | | | | 0 | 1 |
| | | 53 | 40 | | 46 | | | | | | 0 | 2 |
| | | 55 | 37 | | 46 | | | | | | 0 | 3 |
| | | 37 | 17 | | 27 | | | | | | 0 | 4 |
| | | 26 | 16 | | 21 | | | | | | .12 | 5 |
| | | 40 | 26 | | 33 | | | | | | .56 | 6 |
| | | 37 | 21 | | 29 | | | | | | .39 | 7 |
| | | 34 | 16 | | 25 | | | | | | 0 | 8 |
| | | 40 | 16 | | 28 | | | | | | 0 | 9 |
| | | 29 | 18 | | 24 | | | | | | 0 | 10 |
| | | 34 | 14 | | 24 | | | | | | 0 | 11 |
| | | 40 | 30 | | 35 | | | | | | T. | 12 |
| | | 37 | 32 | | 34 | | | | | | .07 | 13 |
| | | 35 | 28 | | 32 | | | | | | .73 | 14 |
| | | 37 | 24 | | 30 | | | | | | 0 | 15 |
| | | 43 | 23 | | 33 | | | | | | 0 | 16 |
| | | 42 | 23 | | 32 | | | | | | .32 | 17 |
| | | 58 | 39 | | 48 | | | | | | .17 | 18 |
| | | 44 | 30 | | 37 | | | | | | 0 | 19 |
| | | 54 | 28 | | 41 | | | | | | 0 | 20 |
| | | 54 | 40 | | 48 | | | | | | .80 | 21 |
| | | 41 | 30 | | 36 | | | | | | .01 | 22 |
| | | 42 | 27 | | 34 | | | | | | 0 | 23 |
| | | 43 | 32 | | 38 | | | | | | .15 | 24 |
| | | 37 | 28 | | 32 | | | | | | .03 | 25 |
| | | 38 | 25 | | 32 | | | | | | T. | 26 |
| | | 46 | 31 | | 38 | | | | | | 0 | 27 |
| | | 40 | 32 | | 36 | | | | | | .69 | 28 |
| | | 35 | 30 | | 32 | | | | | | .35 | 29 |
| | | 43 | 26 | | 34 | | | | | | 0 | 30 |
| | | 37 | 28 | | 32 | | | | | | T. | 31 |
| 30.13 | | 41.0 | 26.4 | | 33.7 | | | | | | 4.39 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

FEBRUARY.

| Day of month. | Color. | Deaths less those by violence. Accidents and negligence. | Deaths due to external causes. | | | Minor contagious diseases. | | | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|---|--------------------------------|-----------|------------|----------------------------|-----------------------|----------|---------------------|------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. |  |  |  |  |  |  |  |  |  |  |  |  | Whooping cough. |
| 1..... | W. 10 | 8 | | | | | | | | | | | | 1 | 2 | 1 | | 8 | 10 | 18 |
| 2..... | C. 15 | 5 | 2 | | | | | | | | | | | 2 | 4 | 1 | | 8 | 17 | 22 |
| 3..... | W. 11 | 11 | | | | | | | | | | | | 1 | 1 | | | 4 | 5 | 22 |
| 4..... | C. 10 | 13 | 2 | | | | | | | | | | | 2 | 2 | | | 12 | 14 | 23 |
| 5..... | W. 8 | 8 | 1 | | | | | | | | | | | 1 | 1 | | | 6 | 8 | 22 |
| 6..... | C. 18 | 18 | | | 1 | | | | 1 | | | 1 | | 2 | 3 | 1 | | 10 | 19 | 23 |
| 7..... | W. 4 | 4 | | | | | | | | | | | | 1 | 1 | | | 3 | 4 | 22 |
| 8..... | C. 10 | 10 | | | | | | | | | | | | 3 | 1 | | | 5 | 10 | 22 |
| 9..... | W. 11 | 11 | | 1 | | | | | | | | | | 2 | 2 | | | 7 | 12 | 26 |
| 10..... | C. 19 | 19 | | | | | | | | | | | | 2 | 3 | 2 | | 14 | 19 | 25 |
| 11..... | W. 7 | 7 | | | | | | | | | | | | 1 | 3 | | | 3 | 3 | 21 |
| 12..... | C. 13 | 13 | 1 | | | | | | | | | | | 3 | 1 | 1 | | 6 | 15 | 25 |
| 13..... | W. 9 | 9 | | 2 | | 1 | 1 | | | | | | | 2 | 2 | | | 5 | 10 | 21 |
| 14..... | C. 14 | 14 | | | | | | | | | | | | 1 | 1 | | | 12 | 14 | 21 |
| 15..... | W. 7 | 7 | | | | | | | | | | | | 2 | 2 | | | 9 | 7 | 15 |
| 16..... | C. 3 | 3 | | | | | | | | | | | | 3 | 2 | | | 1 | 3 | 21 |
| 17..... | W. 12 | 12 | | | | | | | | | | | | 1 | 2 | | | 8 | 12 | 15 |
| 18..... | C. 3 | 3 | | | | | | | | | | | | 1 | 1 | | | 1 | 3 | 19 |
| 19..... | W. 11 | 11 | 1 | | | | | | | | | | | 2 | 1 | | | 9 | 5 | 20 |
| 20..... | C. 6 | 6 | | | | | | | | | | | | 3 | 3 | | | 4 | 6 | 25 |
| 21..... | W. 18 | 18 | | | | | | | | | | | | 2 | 2 | 1 | | 12 | 19 | 23 |
| 22..... | C. 5 | 5 | | | | | | | | | | | | 3 | 5 | | 1 | 9 | 18 | 23 |
| 23..... | W. 9 | 9 | | | | | | | | | | | | 1 | 2 | 1 | | 3 | 5 | 13 |
| 24..... | C. 4 | 4 | | | | | | | | | | | | 2 | 2 | | | 1 | 4 | 14 |
| 25..... | W. 6 | 6 | 1 | | | | | | | | | | | 1 | 2 | | | 3 | 7 | 14 |
| 26..... | C. 7 | 7 | | | | | | | | | | | | 1 | 5 | | | 2 | 7 | 21 |
| 27..... | W. 11 | 11 | | | | | | 2 | | | | | | 1 | 1 | | | 8 | 10 | 18 |
| 28..... | C. 10 | 10 | | | | | | | | | | | | 3 | 1 | | | 5 | 10 | 19 |
| 29..... | W. 11 | 11 | | | | | | | | | | | | 1 | | 3 | | 6 | 7 | 25 |
| 30..... | C. 15 | 15 | | | | | | | | | | | | 2 | 1 | | | 13 | 15 | 21 |
| 31..... | W. 10 | 10 | | | | | | | | | | | | 1 | | 1 | | 6 | 10 | 25 |
| 1..... | C. 7 | 7 | | | | | | | | | | | | 4 | 1 | | | 10 | 14 | 21 |
| 2..... | W. 11 | 11 | | | | | | | | | | | | 1 | | | | 8 | 11 | 18 |
| 3..... | C. 15 | 15 | | | | | | | | | | | | 2 | 3 | | | 14 | 17 | 30 |
| 4..... | W. 17 | 17 | | | | | | | | | | | | 1 | 1 | | | 6 | 13 | 18 |
| 5..... | C. 12 | 12 | | | | | | | | | | | | 2 | 3 | | | 8 | 11 | 19 |
| 6..... | W. 11 | 11 | | | | | | | | | | | | 1 | 1 | | | 3 | 7 | 21 |
| 7..... | C. 7 | 7 | | | | | | | | | | | | 3 | 1 | | | 5 | 9 | 19 |
| 8..... | W. 8 | 8 | 1 | | | | | | | | | | | 3 | 1 | | | 6 | 10 | 21 |
| 9..... | C. 12 | 12 | 2 | | | | | | | | | | | 1 | 1 | | | 11 | 14 | 23 |
| 10..... | W. 13 | 13 | | | | | | | | | | | | 2 | 2 | | | 5 | 7 | 10 |
| 11..... | C. 10 | 10 | | | | | | | | | | | | 2 | 2 | | | 8 | 10 | 18 |
| 12..... | W. 7 | 7 | | | | | | | | | | | | 1 | | | | 4 | 7 | 11 |
| 13..... | C. 15 | 15 | | | | | | | | | | | | 2 | 1 | | | 9 | 14 | 23 |
| 14..... | W. 11 | 11 | | | | | | | | | | | | 4 | 1 | | | 14 | 17 | 31 |
| 15..... | C. 7 | 7 | | | | | | | | | | | | 1 | | | | 3 | 6 | 9 |
| 16..... | W. 17 | 17 | | | | | | | | | | | | 1 | 1 | | | 14 | 17 | 30 |
| 17..... | C. 12 | 12 | | | | | | | | | | | | 2 | 3 | | | 6 | 13 | 19 |
| 18..... | W. 11 | 11 | | | | | | | | | | | | 1 | 1 | | | 3 | 7 | 18 |
| 19..... | C. 7 | 7 | | | | | | | | | | | | 3 | 1 | | | 5 | 9 | 19 |
| 20..... | W. 8 | 8 | 1 | | | | | | | | | | | 3 | 1 | | | 6 | 10 | 21 |
| 21..... | C. 12 | 12 | 2 | | | | | | | | | | | 1 | 1 | | | 11 | 14 | 23 |
| 22..... | W. 13 | 13 | | | | | | | | | | | | 2 | 2 | | | 5 | 7 | 10 |
| 23..... | C. 10 | 10 | | | | | | | | | | | | 2 | 2 | | | 8 | 10 | 18 |
| 24..... | W. 7 | 7 | | | | | | | | | | | | 1 | | | | 4 | 7 | 11 |
| 25..... | C. 15 | 15 | | | | | | | | | | | | 2 | 1 | | | 9 | 14 | 23 |
| 26..... | W. 11 | 11 | | | | | | | | | | | | 4 | 1 | | | 14 | 17 | 31 |
| 27..... | C. 7 | 7 | | | | | | | | | | | | 1 | | | | 3 | 6 | 9 |
| 28..... | W. 17 | 17 | | | | | | | | | | | | 1 | 1 | | | 14 | 17 | 30 |
| 29..... | C. 12 | 12 | | | | | | | | | | | | 2 | 3 | | | 6 | 13 | 19 |
| 30..... | W. 11 | 11 | | | | | | | | | | | | 1 | 1 | | | 3 | 7 | 18 |
| 31..... | C. 7 | 7 | | | | | | | | | | | | 3 | 1 | | | 5 | 9 | 19 |
| Total..... | W. 354 | 354 | 11 | 3 | 4 | 6 | 1 | 2 | 2 | 1 | 4 | 33 | 45 | 14 | 1 | 1 | 242 | 368 | 580 | |
| | C. 204 | 204 | 6 | 2 | | | 2 | 3 | 2 | | | 33 | 39 | 1 | 1 | 1 | 121 | 212 | | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

FEBRUARY.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 36 | 27 | | 32 | | | | | | 0 | 1 |
| | | 48 | 23 | | 36 | | | | | | 0 | 2 |
| | | 46 | 33 | | 40 | | | | | | .07 | 3 |
| | | 46 | 28 | | 37 | | | | | | 0 | 4 |
| | | 40 | 25 | | 32 | | | | | | 0 | 5 |
| | | 25 | 9 | | 17 | | | | | | T. | 6 |
| | | 30 | 8 | | 19 | | | | | | 0 | 7 |
| | | 48 | 24 | | 36 | | | | | | T. | 8 |
| | | 40 | 30 | | 35 | | | | | | .13 | 9 |
| | | 39 | 27 | | 33 | | | | | | 0 | 10 |
| | | 28 | 22 | | 25 | | | | | | .29 | 11 |
| | | 41 | 24 | | 32 | | | | | | .24 | 12 |
| | | 34 | 22 | | 28 | | | | | | 0 | 13 |
| | | 45 | 24 | | 34 | | | | | | 0 | 14 |
| | | 53 | 36 | | 44 | | | | | | 0 | 15 |
| | | 68 | 44 | | 56 | | | | | | 0 | 16 |
| | | 48 | 36 | | 42 | | | | | | .20 | 17 |
| | | 39 | 20 | | 30 | | | | | | 0 | 18 |
| | | 36 | 16 | | 26 | | | | | | 0 | 19 |
| | | 36 | 17 | | 26 | | | | | | .10 | 20 |
| | | 43 | 33 | | 38 | | | | | | .28 | 21 |
| | | 55 | 36 | | 46 | | | | | | .06 | 22 |
| | | 40 | 26 | | 33 | | | | | | 0 | 23 |
| | | 29 | 23 | | 26 | | | | | | T. | 24 |
| | | 31 | 19 | | 25 | | | | | | 0 | 25 |
| | | 43 | 24 | | 34 | | | | | | 0 | 26 |
| | | 63 | 35 | | 49 | | | | | | T. | 27 |
| | | 65 | 56 | | 60 | | | | | | .83 | 28 |
| | | | | | | | | | | | | 29 |
| | | | | | | | | | | | | 30 |
| | | | | | | | | | | | | 31 |
| 30.18 | | 42.7 | 16.0 | | 34.7 | | | | | | 2.20 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

MARCH.

| Day of month. | Color. | Deaths less those by violence. | Deaths due to external causes. | | | | Minor contagious diseases. | | | | Diarrheal diseases. | | Dysentery. | | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|--------------------------------|--------------------------------|------------|-----------|------------|----------------------------|-----------------------|----------|-----------------|---------------------|-------------------|----------------|-------------------|----------------|------------------|-------------------------|----|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Accidents and negligence. | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | 2 years and over. | Under 2 years. | 2 years and over. | | | | | | | | | | | |
| 1..... | W. | 11 | 1 | 1 | | | | | | | | | | | | | 2 | 2 | | | | | 7 | 12 | 21 |
| 2..... | C. | 7 | 1 | | | | | | | | 1 | 1 | | | | | 2 | 2 | | | | | 3 | 9 | 10 |
| 3..... | W. | 10 | | | | | | | | | | | 1 | | | | | 1 | | | | | 8 | 12 | 22 |
| 4..... | C. | 11 | 1 | | | | | | | | | | | | | | | 2 | | | | | 5 | 12 | 19 |
| 5..... | W. | 7 | | | | | | | | | | | | | | | 3 | 2 | | | | | 2 | 7 | 12 |
| 6..... | C. | 10 | 2 | | | | | | | | | | | | | | | 1 | | | | | 8 | 12 | 25 |
| 7..... | W. | 13 | | | | | | | | | | | | | 1 | | 1 | 4 | | | | | 7 | 12 | 19 |
| 8..... | C. | 11 | | | | | | | | | | | | | 1 | | 2 | 2 | | | | | 6 | 7 | 21 |
| 9..... | W. | 11 | 1 | | | | | | | | | | | | | | 2 | 3 | | | | | 2 | 13 | 18 |
| 10..... | C. | 8 | | | | | | | | | | | | | | | 2 | 2 | | | | | 5 | 8 | 10 |
| 11..... | W. | 9 | 1 | | | | | | | | | | | | | | 2 | 2 | | | | | 6 | 10 | 18 |
| 12..... | C. | 8 | | | | | | | | | | | | | | | 1 | 2 | | | | | 3 | 8 | 11 |
| 13..... | W. | 10 | | | | | | | | | | | | | | | 1 | 1 | | | | | 6 | 11 | 18 |
| 14..... | C. | 7 | | | | | | | | | | | | | | | 1 | 2 | | | | | 4 | 7 | 8 |
| 15..... | W. | 10 | | | | | | | | | | | | | | | 1 | 1 | | | | | 7 | 8 | 19 |
| 16..... | C. | 8 | 1 | | | | | | | | | | | | | | 1 | 2 | | | | | 7 | 11 | 10 |
| 17..... | W. | 10 | | | | | | | | | | | | | | | 2 | 3 | | | | | 2 | 9 | 19 |
| 18..... | C. | 11 | 1 | | | | | | | | | | | | | | 2 | 3 | | | | | 7 | 12 | 26 |
| 19..... | W. | 14 | | | | | | | | | | | | | | | 2 | 3 | | | | | 1 | 14 | 14 |
| 20..... | C. | 5 | | | | | | | | | | | | | | | 1 | 2 | | | | | 5 | 5 | 14 |
| 21..... | W. | 9 | | | | | | | | | | | | | | | 1 | 2 | | | | | 6 | 9 | 26 |
| 22..... | C. | 18 | | | | | | | | | | | | | | | 4 | 5 | | | | | 10 | 18 | 26 |
| 23..... | W. | 8 | | | | | | | | | | | | | | | 3 | 3 | | | | | 4 | 8 | 21 |
| 24..... | C. | 13 | | | | | | | | | | | | | | | 4 | 4 | | | | | 5 | 13 | 21 |
| 25..... | W. | 6 | 2 | | | | | | | | | | | | | | 2 | 1 | | | | | 1 | 6 | 21 |
| 26..... | C. | 13 | 1 | | | | | | | | | | | | | | 1 | 1 | | | | | 10 | 15 | 26 |
| 27..... | W. | 11 | | | | | | | | | | | | | | | 3 | 4 | | | | | 3 | 11 | 26 |
| 28..... | C. | 16 | | | | | | | | | | | | | | | 1 | 4 | | | | | 9 | 17 | 26 |
| 29..... | W. | 11 | 1 | | | | | | | | | | | | | | 2 | 2 | | | | | 6 | 9 | 26 |
| 30..... | C. | 8 | | | | | | | | | | | | | | | 1 | 3 | | | | | 7 | 11 | 19 |
| 31..... | W. | 12 | | | | | | | | | | | | | | | 1 | 3 | | | | | 8 | 12 | 18 |
| Total..... | W. | 342 | 12 | | | | | | | | | | | | | | 23 | 59 | | | | | 227 | 363 | 658 |
| | C. | 281 | 10 | 2 | 2 | | | 3 | 1 | | 4 | 4 | 2 | | 5 | | 53 | 61 | 9 | 7 | 2 | 3 | 143 | 235 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

MARCH.

| Mean barometer (actual). | Mean relative humidity | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 63 | 57 | ..... | 60 | ..... | ..... | ..... | ..... | ..... | 0.10 | 1 |
| | | 59 | 48 | ..... | 54 | ..... | ..... | ..... | ..... | ..... | .04 | 2 |
| | | 56 | 44 | ..... | 50 | ..... | ..... | ..... | ..... | ..... | 0 | 3 |
| | | 60 | 34 | ..... | 47 | ..... | ..... | ..... | ..... | ..... | 0 | 4 |
| | | 62 | 35 | ..... | 48 | ..... | ..... | ..... | ..... | ..... | T. | 5 |
| | | 69 | 40 | ..... | 54 | ..... | ..... | ..... | ..... | ..... | .04 | 6 |
| | | 58 | 41 | ..... | 50 | ..... | ..... | ..... | ..... | ..... | .01 | 7 |
| | | 55 | 38 | ..... | 46 | ..... | ..... | ..... | ..... | ..... | 0 | 8 |
| | | 51 | 35 | ..... | 43 | ..... | ..... | ..... | ..... | ..... | 0 | 9 |
| | | 41 | 30 | ..... | 36 | ..... | ..... | ..... | ..... | ..... | .38 | 10 |
| | | 39 | 29 | ..... | 34 | ..... | ..... | ..... | ..... | ..... | 0 | 11 |
| | | 40 | 34 | ..... | 37 | ..... | ..... | ..... | ..... | ..... | T. | 12 |
| | | 66 | 32 | ..... | 40 | ..... | ..... | ..... | ..... | ..... | 0 | 13 |
| | | 44 | 32 | ..... | 38 | ..... | ..... | ..... | ..... | ..... | 0 | 14 |
| | | 41 | 26 | ..... | 34 | ..... | ..... | ..... | ..... | ..... | 0 | 15 |
| | | 53 | 27 | ..... | 40 | ..... | ..... | ..... | ..... | ..... | 0 | 16 |
| | | 52 | 36 | ..... | 44 | ..... | ..... | ..... | ..... | ..... | T. | 17 |
| | | 55 | 31 | ..... | 43 | ..... | ..... | ..... | ..... | ..... | 0 | 18 |
| | | 56 | 33 | ..... | 50 | ..... | ..... | ..... | ..... | ..... | 0 | 19 |
| | | 70 | 44 | ..... | 57 | ..... | ..... | ..... | ..... | ..... | T. | 20 |
| | | 59 | 42 | ..... | 50 | ..... | ..... | ..... | ..... | ..... | 0 | 21 |
| | | 72 | 38 | ..... | 55 | ..... | ..... | ..... | ..... | ..... | T. | 22 |
| | | 79 | 48 | ..... | 64 | ..... | ..... | ..... | ..... | ..... | 0 | 23 |
| | | 72 | 43 | ..... | 58 | ..... | ..... | ..... | ..... | ..... | 0 | 24 |
| | | 83 | 59 | ..... | 71 | ..... | ..... | ..... | ..... | ..... | 0 | 25 |
| | | 75 | 51 | ..... | 63 | ..... | ..... | ..... | ..... | ..... | 0 | 26 |
| | | 65 | 46 | ..... | 56 | ..... | ..... | ..... | ..... | ..... | 0 | 27 |
| | | 73 | 45 | ..... | 59 | ..... | ..... | ..... | ..... | ..... | 0 | 28 |
| | | 82 | 51 | ..... | 66 | ..... | ..... | ..... | ..... | ..... | 0 | 29 |
| | | 86 | 56 | ..... | 71 | ..... | ..... | ..... | ..... | ..... | 0 | 30 |
| | | 69 | 51 | ..... | 60 | ..... | ..... | ..... | ..... | ..... | 0 | 31 |
| 30.11 | | 61.8 | 40.5 | ..... | 51.2 | ..... | ..... | ..... | ..... | ..... | .57 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar
meteorological

* APRIL.

| Day of month. | Color. | Deaths less those by violence. Accidents and negligence. | Deaths due to external causes. | | | Minor contagious diseases. | | | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|---|--------------------------------|-----------|------------|----------------------------|-----------------------|----------|---------------------|------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. |  |  |  |  |  |  |  |  |  |  |  |  | Whooping cough. | Under 2 years. | 2 years and over. |
| 1 | W. | 9 | | | | | | | | | | | | 4 | 1 | | | 8 | 9 | 16 |
| | C. | 7 | | | | | | | | | | | | 1 | | | | 2 | 7 | |
| 2 | W. | 14 | | | | | | | | | | | | 1 | 2 | | | 10 | 15 | 28 |
| | C. | 12 | | 1 | | | | | | | | | | 3 | 3 | | | 7 | 13 | |
| 3 | W. | 15 | | | | | | | | | | | | 2 | 1 | | | 9 | 15 | 23 |
| | C. | 8 | | | | | | 1 | | | | | | 1 | 1 | 1 | | 4 | 8 | |
| 4 | W. | 10 | 2 | | | | | | | | | | | 1 | 1 | | | 7 | 12 | 17 |
| | C. | 5 | | | | | | | | | | | | 2 | 2 | | | 4 | 5 | |
| 5 | W. | 10 | | | | | | | | | | | | 1 | 1 | | | 8 | 10 | 19 |
| | C. | 9 | | | | | | | 1 | | | | | 1 | | | | 6 | 9 | |
| 6 | W. | 9 | | 1 | | | | | | | | | | 1 | 1 | | | 6 | 10 | 19 |
| | C. | 4 | | 1 | | | | | | | | | | | | | 2 | 2 | 5 | |
| 7 | W. | 13 | | | | | | | | | | | | 2 | | | | 11 | 13 | 25 |
| | C. | 7 | | | | | | | | | | | | 1 | 1 | | | 6 | 7 | |
| 8 | W. | 10 | | | | | | | | | | | | 1 | 1 | | | 9 | 10 | 15 |
| | C. | 5 | | | | | | | | | | | | 1 | 1 | | | 2 | 5 | |
| 9 | W. | 13 | | | | | | | | | | | | 2 | | | | 11 | 13 | 16 |
| | C. | 3 | | | | | | | | | | | | | | | | 3 | 3 | |
| 10 | W. | 11 | | 1 | | 1 | | | | | | | | 1 | 1 | | | 9 | 13 | 18 |
| | C. | 4 | | 1 | | | | | | | | | | | | | | 3 | 5 | |
| 11 | W. | 4 | | | | | | | | | | | | 1 | | | | 4 | 4 | 11 |
| | C. | 6 | | | | | | | | | | | | 2 | | | | 2 | 8 | |
| 12 | W. | 8 | | | | | | | | | | | | 3 | | | | 2 | 7 | 15 |
| | C. | 6 | 1 | | | | | 1 | | 2 | | | | 1 | 1 | | 1 | 3 | 8 | |
| 13 | W. | 15 | | | | | | | | | | | | 5 | 3 | | | 11 | 15 | 26 |
| | C. | 11 | | | | | | | | | | | | 1 | 1 | | | 5 | 11 | |
| 14 | W. | 12 | | 1 | 1 | 1 | | | | | | | | 2 | | | | 10 | 15 | 24 |
| | C. | 9 | | | | | | | | 1 | | | | 1 | | | | 7 | 9 | |
| 15 | W. | 11 | | | | | | | | | | | | 2 | | | | 8 | 11 | 17 |
| | C. | 6 | | | | | | | | | | | | 1 | | | | 5 | 6 | |
| 16 | W. | 6 | | | | | | | | | | | | 2 | 1 | | | 5 | 6 | 14 |
| | C. | 8 | | | | | | | | | | | | 1 | 1 | | | 4 | 8 | |
| 17 | W. | 15 | | | | | | | | | | | | 2 | | | | 12 | 15 | 21 |
| | C. | 5 | 1 | | | | | | | | | | | 2 | 1 | | | 2 | 6 | |
| 18 | W. | 11 | | 1 | | 4 | | | | | | | | 3 | | | | 6 | 16 | 23 |
| | C. | 6 | | | 1 | | | | | | | | | 2 | 2 | | | 1 | 7 | |
| 19 | W. | 13 | | 1 | | | | | | | | | | 3 | 3 | | | 6 | 14 | 19 |
| | C. | 5 | | | | | | | | | | | | 2 | 1 | | | 2 | 5 | |
| 20 | W. | 5 | | | | | | | | | | | | | | | | 5 | 5 | 11 |
| | C. | 6 | | | | | | | | | | | | 2 | | | | 4 | 6 | |
| 21 | W. | 10 | 2 | | | | | | | | | | | 1 | | | | 7 | 12 | 20 |
| | C. | 8 | | | | | | | | | | | | 3 | | 2 | | 5 | 8 | |
| 22 | W. | 3 | | | | | | | | | | | | 1 | 1 | | | 1 | 3 | 15 |
| | C. | 7 | | | | | | | | | | | | 2 | | | | 6 | 7 | |
| 23 | W. | 12 | | | | | | | | | | | | 2 | 2 | | | 5 | 12 | 19 |
| | C. | 11 | | 1 | | | | | | | | | | 3 | 1 | 1 | | 5 | 12 | |
| 24 | W. | 3 | | | | | | | | | | | | | | | | 2 | 3 | 15 |
| | C. | 17 | | | | | | | | | | | | 3 | 3 | | | 11 | 17 | 19 |
| 25 | W. | 8 | | 1 | | | | | | | | | | | | | | 1 | 2 | |
| | C. | 15 | | 1 | | | | | | | | | | 3 | 1 | | | 7 | 9 | 24 |
| 26 | W. | 10 | | | | | | | | | | | | 2 | 2 | | | 9 | 15 | |
| | C. | 7 | | | | | | | | | | | | 1 | | 1 | | 4 | 10 | 17 |
| 27 | W. | 9 | | 1 | | | | | | | | | | 2 | 1 | | | 6 | 7 | |
| | C. | 5 | | 1 | | | | | | | | | | 1 | 1 | 1 | | 2 | 6 | 16 |
| 28 | W. | 8 | | | | | | | | | | | | 1 | | | | 7 | 8 | |
| | C. | 5 | | | | | | | | | | | | 3 | | | | 2 | 5 | 13 |
| 29 | W. | 9 | | 1 | | | | | | | | | | 1 | 1 | | | 7 | 10 | |
| | C. | 9 | | | | | | | | 1 | | | | 1 | 1 | | | 2 | 10 | 20 |
| 30 | W. | 9 | | | | | | | | | | | | | | | | 6 | | |
| Total | W. | 315 | 14 | 1 | 7 | | 1 | 3 | | 3 | | 5 | | 38 | 26 | 3 | 2 | 231 | 337 | 546 |
| | C. | 200 | 7 | 2 | | | | 1 | | 2 | | | | 44 | 25 | 8 | 1 | 113 | 209 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

APRIL.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of Month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 72 | 52 | | 62 | | | | | | 0 | 1 |
| | | 76 | 52 | | 64 | | | | | | 0 | 2 |
| | | 57 | 51 | | 54 | | | | | | .13 | 3 |
| | | 68 | 51 | | 60 | | | | | | .32 | 4 |
| | | 86 | 56 | | 71 | | | | | | 0 | 5 |
| | | 76 | 56 | | 66 | | | | | | .01 | 6 |
| | | 56 | 41 | | 48 | | | | | | T. | 7 |
| | | 62 | 38 | | 50 | | | | | | 0 | 8 |
| | | 78 | 42 | | 60 | | | | | | T. | 9 |
| | | 71 | 45 | | 58 | | | | | | 0 | 10 |
| | | 75 | 42 | | 58 | | | | | | 0 | 11 |
| | | 71 | 44 | | 58 | | | | | | T. | 12 |
| | | 63 | 40 | | 52 | | | | | | 0 | 13 |
| | | 75 | 37 | | 56 | | | | | | 0 | 14 |
| | | 83 | 51 | | 67 | | | | | | T. | 15 |
| | | 70 | 47 | | 58 | | | | | | .07 | 16 |
| | | 64 | 44 | | 54 | | | | | | 2.74 | 17 |
| | | 75 | 60 | | 68 | | | | | | .52 | 18 |
| | | 62 | 43 | | 52 | | | | | | .16 | 19 |
| | | 57 | 40 | | 48 | | | | | | .12 | 20 |
| | | 51 | 44 | | 48 | | | | | | .32 | 21 |
| | | 69 | 45 | | 57 | | | | | | T. | 22 |
| | | 76 | 52 | | 64 | | | | | | .24 | 23 |
| | | 66 | 56 | | 61 | | | | | | .97 | 24 |
| | | 69 | 52 | | 60 | | | | | | .29 | 25 |
| | | 59 | 47 | | 53 | | | | | | 0 | 26 |
| | | 62 | 43 | | 52 | | | | | | 0 | 27 |
| | | 62 | 41 | | 52 | | | | | | 0 | 28 |
| | | 65 | 37 | | 51 | | | | | | T. | 29 |
| | | 92 | 57 | | 74 | | | | | | 0 | 30 |
| 29.93 | | 68.9 | 46.9 | | 57.9 | | | | | | .20 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

MAY.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of Month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 79 | 56 | | 68 | | | | | | 0 | 1 |
| | | 68 | 52 | | 60 | | | | | | 0 | 2 |
| | | 83 | 53 | | 68 | | | | | | .26 | 3 |
| | | 65 | 49 | | 57 | | | | | | .02 | 4 |
| | | 62 | 42 | | 52 | | | | | | 0 | 5 |
| | | 64 | 41 | | 52 | | | | | | 0 | 6 |
| | | 70 | 39 | | 54 | | | | | | .14 | 7 |
| | | 74 | 56 | | 65 | | | | | | .12 | 8 |
| | | 69 | 57 | | 63 | | | | | | .09 | 9 |
| | | 75 | 53 | | 64 | | | | | | T. | 10 |
| | | 62 | 57 | | 60 | | | | | | .13 | 11 |
| | | 60 | 49 | | 54 | | | | | | .48 | 12 |
| | | 61 | 44 | | 52 | | | | | | 0 | 13 |
| | | 57 | 45 | | 51 | | | | | | 0 | 14 |
| | | 59 | 41 | | 50 | | | | | | 0 | 15 |
| | | 67 | 40 | | 54 | | | | | | 0 | 16 |
| | | 71 | 42 | | 56 | | | | | | T. | 17 |
| | | 75 | 55 | | 65 | | | | | | .09 | 18 |
| | | 82 | 47 | | 64 | | | | | | 0 | 19 |
| | | 76 | 56 | | 66 | | | | | | .68 | 20 |
| | | 82 | 66 | | 74 | | | | | | T. | 21 |
| | | 72 | 59 | | 66 | | | | | | .25 | 22 |
| | | 85 | 59 | | 72 | | | | | | T. | 23 |
| | | 87 | 63 | | 75 | | | | | | .43 | 24 |
| | | 81 | 58 | | 70 | | | | | | .32 | 25 |
| | | 72 | 56 | | 64 | | | | | | .06 | 26 |
| | | 66 | 49 | | 58 | | | | | | 0 | 27 |
| | | 76 | 51 | | 64 | | | | | | 0 | 28 |
| | | 82 | 55 | | 68 | | | | | | .31 | 29 |
| | | 74 | 54 | | 64 | | | | | | .03 | 30 |
| | | 62 | 51 | | 56 | | | | | | .02 | 31 |
| 30.01 | | 71.5 | 51.5 | | 61.5 | | | | | | 3.43 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

JUNE.

| Day of month. | Color. | Deaths less those by violence. | | | | Deaths due to external causes. | | | Minor contagious diseases. | | | Diarrheal diseases. | | Dysentery. | | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|--------------------------------|------------|-----------|------------|--------------------------------|-----------------------|----------|----------------------------|----------------|-------------------|---------------------|-------------------|----------------|-------------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | Accidents and negligence. | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | 2 years and over. | Under 2 years. | 2 years and over. | Under 2 years. | 2 years and over. | | | | | | | | | | |
| 1..... | W. | 5 | | | | | | | | | | | | | | 1 | | | 2 | | | | 2 | 5 | 13 |
| 2..... | C. | 6 | 2 | | | | | | | 1 | | | | | | | | 1 | 3 | | | | 8 | 11 | 20 |
| 3..... | W. | 9 | 1 | | | | | | | | | | | | | | | | | | | | 8 | 9 | |
| 4..... | C. | 7 | | | | | | | | | | | | | | | | 2 | 2 | | | | 5 | 7 | 18 |
| 5..... | W. | 11 | | | | | | | | | | | | | | | | | | | | | 8 | 11 | |
| 6..... | C. | 6 | | 1 | | | | | | | | | | | | | | | 1 | 1 | | | 6 | 7 | 12 |
| 7..... | W. | 5 | | | | | | | | 1 | | | | | | | | | | | | | 6 | 5 | |
| 8..... | C. | 11 | 1 | | | | | | | | | | | | | 1 | | 3 | 1 | | | | 6 | 12 | 26 |
| 9..... | W. | 14 | | | | | | | | 2 | | | | | | | | 1 | 1 | | | 10 | 14 | | |
| 10..... | C. | 6 | 2 | | | | | | | | | | | | | | | 3 | 1 | | | 5 | 5 | 8 | 18 |
| 11..... | W. | 10 | | | | | | | | 1 | | | | | | | | 3 | 1 | | | 5 | 10 | | |
| 12..... | C. | 7 | | | | | | | | | | | | | | | | | | | | 6 | 7 | | |
| 13..... | W. | 4 | 1 | | | | | 2 | | | | | | | | | | 1 | 1 | | | 6 | 1 | 4 | 11 |
| 14..... | C. | 10 | | | | | | | | 1 | | | | | | | | | | | | 9 | 11 | | 16 |
| 15..... | W. | 5 | 1 | | | | | | | | | | | | | | | | | | | 7 | 8 | | |
| 16..... | C. | 7 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 12 |
| 17..... | W. | 13 | | | | | | | | | | | | | | | | 2 | | | | 11 | 13 | | |
| 18..... | C. | 5 | | | | | | | | 1 | | | | | | | | 2 | 2 | | | 2 | 5 | | 18 |
| 19..... | W. | 15 | | | 1 | | | | | | | | | | | | | 2 | 2 | | | 13 | 16 | | |
| 20..... | C. | 10 | | | | | | | | | | | | | | | | 3 | 2 | | | 5 | 10 | | 26 |
| 21..... | W. | 7 | | | | | | | | | | | | | | | | | | 1 | | 6 | 7 | | |
| 22..... | C. | 8 | | | | | | | | 1 | | | | | | | | 2 | | | | 5 | 5 | 8 | 15 |
| 23..... | W. | 6 | | | | | | | | | | | | | | | | | | | | 5 | 6 | | |
| 24..... | C. | 2 | | | | | | | | | | | | | | | | 1 | | | | 1 | 1 | 2 | 8 |
| 25..... | W. | 9 | | | | | | | | 1 | | | | | | | | | | | | 9 | 9 | | |
| 26..... | C. | 10 | | | | | | | | | | | | | | | | 4 | | | | 6 | 10 | | 19 |
| 27..... | W. | 6 | 2 | | | | | | | | | | | | | | | 1 | 1 | | | 5 | 5 | 8 | 16 |
| 28..... | C. | 8 | | | | | | | | 2 | | | | | | | | 2 | | | | 8 | 8 | | |
| 29..... | W. | 10 | | | | | | | | | | | | | | | | 1 | | | | 7 | 7 | | |
| 30..... | C. | 7 | | | | | | | | | | | | | | | | | 3 | | 1 | 4 | 4 | 10 | 17 |
| 1..... | W. | 4 | 1 | | | | | | | | | | | | | | | | | | | 3 | 3 | 5 | 11 |
| 2..... | C. | 5 | | | | | | | | 2 | | | | | | | | | 1 | | | 2 | 2 | 3 | 11 |
| 3..... | W. | 9 | 1 | | | | | | | | | | | | | | | | | | | 9 | 10 | | 19 |
| 4..... | C. | 9 | | | | | | | | 1 | | | | | | | | | 1 | | | 5 | 6 | | |
| 5..... | W. | 10 | | | | | | | | | | | | | | | | | | | | 5 | 10 | | 19 |
| 6..... | C. | 9 | | | | | | | | 1 | | | | | | | | | | | | 9 | 9 | | |
| 7..... | W. | 10 | 1 | | | | | | | | | | | | | | | | | | | 10 | 11 | | 19 |
| 8..... | C. | 7 | | 1 | | | | | | 1 | | | | | | | | 1 | | | | 6 | 8 | | |
| 9..... | W. | 14 | 1 | | | | | | | | | | | | | | | | | | | 9 | 11 | | 19 |
| 10..... | C. | 12 | | | | | | | | 3 | | | | | | | | 1 | 1 | | | 6 | 8 | | |
| 11..... | W. | 8 | | | 1 | | | | | | | | | | | | | | | | | 6 | 9 | | |
| 12..... | C. | 10 | | | | | | | | 1 | | | | | | | | 2 | 1 | | | 8 | 10 | | 19 |
| 13..... | W. | 12 | | | | | | | | | | | | | | | | | | | | 7 | 12 | | |
| 14..... | C. | 8 | 1 | | | | | | | 2 | | | | | | | | 2 | | | | 2 | 9 | | 21 |
| 15..... | W. | 11 | | | | | | | | 1 | | | | | | | | | | | | 7 | 11 | | |
| 16..... | C. | 8 | | | | | | | | | | | | | | | | 2 | 1 | | | 5 | 7 | | 19 |
| 17..... | W. | 8 | | | | | | | | 1 | | | | | | | | | | | | 3 | 5 | | |
| 18..... | C. | 9 | | | | | | | | | | | | | | | | | | | | 3 | 7 | | 15 |
| 19..... | W. | 8 | | | | | | | | 1 | | | | | | | | | | | | 8 | 8 | | |
| 20..... | C. | 6 | 1 | | | | | | | | | | | | | | | | | | | 11 | 11 | | 18 |
| 21..... | W. | 5 | | | | | | | | | | | | | | | | | | | | 7 | 7 | | |
| 22..... | C. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 23..... | W. | 6 | | | | | | | | | | | | | | | | | | | | 8 | 8 | | |
| 24..... | C. | 5 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 25..... | W. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 26..... | C. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 27..... | W. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 28..... | C. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 29..... | W. | 9 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 30..... | C. | 6 | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| Total..... | W. | 240 | 15 | 6 | 1 | | | | 2 | 1 | 8 | | 2 | 3 | 3 | | | 23 | 13 | 4 | 1 | 3 | 199 | 281 | 514 |
| | C. | 224 | 6 | 2 | | | | | | | 29 | | | | 1 | | | 37 | 22 | 3 | | 1 | 129 | 233 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

JUNE.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | s a. m. | s p. m. | | | |
| | | 62 | 46 | ..... | 54 | ..... | ..... | ..... | ..... | ..... | 0.01 | 1 |
| | | 76 | 53 | ..... | 64 | ..... | ..... | ..... | ..... | ..... | 0 | 2 |
| | | 61 | 45 | ..... | 53 | ..... | ..... | ..... | ..... | ..... | .28 | 3 |
| | | 72 | 48 | ..... | 60 | ..... | ..... | ..... | ..... | ..... | .01 | 4 |
| | | 66 | 56 | ..... | 61 | ..... | ..... | ..... | ..... | ..... | .55 | 5 |
| | | 81 | 65 | ..... | 73 | ..... | ..... | ..... | ..... | ..... | .24 | 6 |
| | | 69 | 56 | ..... | 62 | ..... | ..... | ..... | ..... | ..... | .03 | 7 |
| | | 77 | 52 | ..... | 64 | ..... | ..... | ..... | ..... | ..... | 0 | 8 |
| | | 65 | 51 | ..... | 58 | ..... | ..... | ..... | ..... | ..... | .91 | 9 |
| | | 62 | 55 | ..... | 58 | ..... | ..... | ..... | ..... | ..... | .22 | 10 |
| | | 76 | 57 | ..... | 66 | ..... | ..... | ..... | ..... | ..... | .41 | 11 |
| | | 73 | 62 | ..... | 68 | ..... | ..... | ..... | ..... | ..... | .69 | 12 |
| | | 68 | 61 | ..... | 64 | ..... | ..... | ..... | ..... | ..... | .04 | 13 |
| | | 77 | 61 | ..... | 69 | ..... | ..... | ..... | ..... | ..... | .01 | 14 |
| | | 78 | 64 | ..... | 71 | ..... | ..... | ..... | ..... | ..... | .04 | 15 |
| | | 78 | 63 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | .41 | 16 |
| | | 82 | 62 | ..... | 72 | ..... | ..... | ..... | ..... | ..... | T. | 17 |
| | | 85 | 66 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | .10 | 18 |
| | | 86 | 68 | ..... | 77 | ..... | ..... | ..... | ..... | ..... | 0 | 19 |
| | | 89 | 67 | ..... | 78 | ..... | ..... | ..... | ..... | ..... | 0 | 20 |
| | | 94 | 68 | ..... | 81 | ..... | ..... | ..... | ..... | ..... | 0 | 21 |
| | | 93 | 69 | ..... | 81 | ..... | ..... | ..... | ..... | ..... | 0 | 22 |
| | | 93 | 71 | ..... | 82 | ..... | ..... | ..... | ..... | ..... | 0 | 23 |
| | | 85 | 67 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | 0 | 24 |
| | | 84 | 59 | ..... | 72 | ..... | ..... | ..... | ..... | ..... | 0 | 25 |
| | | 80 | 64 | ..... | 72 | ..... | ..... | ..... | ..... | ..... | 0 | 26 |
| | | 86 | 64 | ..... | 75 | ..... | ..... | ..... | ..... | ..... | .82 | 27 |
| | | 83 | 68 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | T. | 28 |
| | | 88 | 68 | ..... | 78 | ..... | ..... | ..... | ..... | ..... | 0 | 29 |
| | | 90 | 68 | ..... | 79 | ..... | ..... | ..... | ..... | ..... | 0 | 30 |
| 29.94 | | 78.6 | 60.8 | ..... | 69.7 | ..... | ..... | ..... | ..... | ..... | 4.77 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

JULY.

| Day of month. | Color. | Deaths less those by violence. | | | Deaths due to external causes. | Minor contagious diseases. | | | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. | | |
|---------------|--------|--------------------------------|------------|-----------|--------------------------------|----------------------------|-----------------------|----------|---------------------|------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|-----------------|-----|
| | | Accidents and negligence. | Homicides. | Suicides. | | Scarlet fever. | Diphtheria and croup. | Measles. | | | | | | | | | | | | | Whooping cough. | |
| 1..... | W. C. | 10 | | | | | | | 2 | 1 | | | | 2 | | | | 7 | 10 | 16 | | |
| 2..... | W. C. | 5 | | | | | | | 1 | 1 | | | | | | | | 1 | 6 | 7 | | |
| 3..... | W. C. | 8 | 1 | | | | | | 4 | 1 | | | | | | | | 3 | 9 | 12 | | |
| 4..... | W. C. | 11 | 1 | | | | | | 1 | 2 | | | 3 | 2 | | | | 4 | 10 | 21 | | |
| 5..... | W. C. | 4 | | | | | | | 3 | | | | | | | | | 4 | 4 | 8 | | |
| 6..... | W. C. | 9 | 1 | | | | | | | | | | 1 | | | | 1 | 8 | 9 | 17 | | |
| 7..... | W. C. | 11 | | | | | | | 1 | 2 | | | 1 | | | | | 3 | 5 | 8 | | |
| 8..... | W. C. | 3 | 1 | | | | | | 2 | 2 | | | | | | | | 1 | 4 | 5 | | |
| 9..... | W. C. | 13 | | | | | | | 2 | 2 | | | | | | | | 9 | 11 | 20 | | |
| 10..... | W. C. | 7 | 1 | | | | | | 2 | 2 | | | | | | | | 4 | 7 | 11 | | |
| 11..... | W. C. | 11 | 1 | | | | | | 4 | 1 | | | | | | | | 8 | 12 | 21 | | |
| 12..... | W. C. | 7 | 1 | | | | | | 1 | 4 | | | | | | | | 1 | 9 | 20 | | |
| 13..... | W. C. | 8 | | | | | | | 1 | 1 | | | | | | | | 4 | 8 | 12 | | |
| 14..... | W. C. | 8 | | | | | | | 4 | 1 | | | | | | | | 1 | 4 | 6 | | |
| 15..... | W. C. | 1 | | | | | | | 3 | 3 | | | | | | | | 3 | 9 | 18 | | |
| 16..... | W. C. | 15 | 1 | | | | | | 3 | 1 | | | 1 | | | | | 11 | 15 | 25 | | |
| 17..... | W. C. | 9 | 1 | | | | | | 3 | | | | | | | | | 5 | 10 | 19 | | |
| 18..... | W. C. | 6 | 1 | | | | | | | | | | 1 | | | | 2 | 6 | 7 | 13 | | |
| 19..... | W. C. | 7 | | | | | | | 1 | 1 | | | | | | | | 3 | 4 | 7 | | |
| 20..... | W. C. | 11 | | | | | | | 3 | 1 | | | 1 | | | | | 4 | 11 | 15 | | |
| 21..... | W. C. | 8 | | | | | | | 1 | 3 | | | | | | | | 6 | 4 | 10 | | |
| 22..... | W. C. | 9 | 1 | | | | | | 1 | 1 | | | | | | | | 5 | 13 | 18 | | |
| 23..... | W. C. | 17 | 2 | | | | | | 1 | 1 | | | | | | | | 12 | 17 | 29 | | |
| 24..... | W. C. | 5 | 1 | | | | | | 3 | 1 | | | 1 | | | | | 2 | 7 | 12 | | |
| 25..... | W. C. | 8 | | | | | | | 1 | 1 | | | | | | | | 7 | 10 | 17 | | |
| 26..... | W. C. | 8 | | | | | | | 1 | 1 | | | 2 | | | | | 7 | 9 | 16 | | |
| 27..... | W. C. | 1 | | | | | | | 3 | | | | | | | | | 5 | 6 | 11 | | |
| 28..... | W. C. | 6 | | | | | | | 2 | 4 | | | | | | | | 5 | 9 | 14 | | |
| 29..... | W. C. | 13 | | | | | | | 2 | 3 | | | 1 | | | | | 8 | 14 | 22 | | |
| 30..... | W. C. | 9 | | | | | | | 4 | | | | | | | | | 3 | 5 | 8 | | |
| 31..... | W. C. | 13 | | | | | | | 3 | 1 | | | | | | | | 11 | 14 | 25 | | |
| Total. | W. C. | 319 | 8 | 1 | 9 | 4 | 1 | 1 | 1 | 38 | 11 | 5 | 2 | 4 | 2 | 17 | 3 | 6 | 3 | 232 | 341 | |
| | C. | 235 | 16 | 1 | 3 | | | | 3 | 67 | 5 | | | | | 21 | 9 | 4 | 1 | 2 | 136 | 255 |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

JULY.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of Month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 94 | 68 | | 81 | | | | | | 0 | 1 |
| | | 87 | 72 | | 80 | | | | | | 0 | 2 |
| | | 83 | 70 | | 76 | | | | | | 0.25 | 3 |
| | | 87 | 68 | | 78 | | | | | | .81 | 4 |
| | | 80 | 62 | | 71 | | | | | | 0 | 5 |
| | | 84 | 57 | | 70 | | | | | | 0 | 6 |
| | | 85 | 68 | | 76 | | | | | | .03 | 7 |
| | | 91 | 70 | | 80 | | | | | | 0 | 8 |
| | | 95 | 73 | | 84 | | | | | | 0 | 9 |
| | | 93 | 75 | | 84 | | | | | | 0 | 10 |
| | | 90 | 73 | | 82 | | | | | | T. | 11 |
| | | 91 | 71 | | 81 | | | | | | 1.53 | 12 |
| | | 87 | 72 | | 80 | | | | | | .01 | 13 |
| | | 86 | 71 | | 78 | | | | | | 0 | 14 |
| | | 90 | 67 | | 78 | | | | | | 0 | 15 |
| | | 89 | 74 | | 82 | | | | | | T. | 16 |
| | | 79 | 66 | | 72 | | | | | | .03 | 17 |
| | | 72 | 61 | | 66 | | | | | | .56 | 18 |
| | | 79 | 61 | | 70 | | | | | | 0 | 19 |
| | | 81 | 58 | | 70 | | | | | | 0 | 20 |
| | | 84 | 63 | | 74 | | | | | | 0 | 21 |
| | | 86 | 64 | | 75 | | | | | | 0 | 22 |
| | | 91 | 70 | | 80 | | | | | | 0 | 23 |
| | | 93 | 73 | | 83 | | | | | | 0 | 24 |
| | | 93 | 75 | | 84 | | | | | | 0 | 25 |
| | | 94 | 75 | | 84 | | | | | | 0 | 26 |
| | | 82 | 67 | | 80 | | | | | | .45 | 27 |
| | | 88 | 66 | | 77 | | | | | | 0 | 28 |
| | | 89 | 65 | | 77 | | | | | | 0 | 29 |
| | | 91 | 71 | | 81 | | | | | | .06 | 30 |
| | | 81 | 62 | | 72 | | | | | | 0 | 31 |
| 29.92 | | 87.3 | 68.0 | | 77.6 | | | | | | 3.73 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

AUGUST.

| Day of month. | Color. | Deaths, less those by violence. | Deaths due to external causes. | | | | Minor contagious diseases. | | | Diarrheal diseases. | | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|---------------------------------|--------------------------------|------------|-----------|------------|----------------------------|-----------------------|----------|---------------------|----------------|-------------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Accidents and negligence. | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | 2 years and over. | | | | | | | | | | |
| 1 | W. C. | 5 | | | 2 | | | | | 1 | 2 | | | | 1 | 1 | | | | 1 | 7 | 14 |
| 2 | C. W. | 14 | 2 | | | | | | | 1 | 2 | 2 | | 1 | 1 | 1 | | | | 8 | 14 | 24 |
| 3 | C. W. | 5 | 1 | | | | | | | | 2 | 1 | | | 2 | | | | | 3 | 6 | 15 |
| 4 | C. W. | 10 | 1 | | | | | | | | 1 | 1 | | | 1 | | | | | 8 | 10 | 12 |
| 5 | C. W. | 6 | 1 | | | | | | | | 1 | 1 | | | | | | | | 5 | 7 | 16 |
| 6 | C. W. | 10 | | | | | | | | 1 | 1 | 1 | | 1 | | | | | | 6 | 6 | 9 |
| 7 | C. W. | 6 | | 1 | 1 | | | | | | 3 | | | | 3 | | | | | 9 | 10 | 21 |
| 8 | C. W. | 13 | | | | | | | | | 2 | 1 | | | 1 | | 1 | | 1 | 3 | 6 | 14 |
| 9 | C. W. | 8 | | | | | | | | | 2 | 2 | | | 3 | | | | | 8 | 8 | 21 |
| 10 | C. W. | 7 | 1 | | | | | | 1 | | 1 | | | | 1 | 1 | | | | 7 | 8 | 16 |
| 11 | C. W. | 8 | 1 | | | | | | | | | 1 | | | 2 | 1 | | | | 5 | 10 | 19 |
| 12 | C. W. | 11 | | | | | | | | | 1 | | | | 1 | | | 1 | | 2 | 5 | 16 |
| 13 | C. W. | 9 | 1 | | 1 | | | | | | 3 | 1 | | | 2 | | | | | 3 | 13 | 23 |
| 14 | C. W. | 4 | | | | | | | | | 3 | 3 | | | 1 | | | | | 3 | 5 | 9 |
| 15 | C. W. | 4 | | | | | | | | | 3 | | | | | | 1 | | | 1 | 4 | 8 |
| 16 | C. W. | 6 | | | 1 | | | | | | 1 | 2 | | | | | | | | 3 | 5 | 11 |
| 17 | C. W. | 9 | | | | | | | | 1 | 2 | 4 | | | 3 | 2 | 1 | | | 4 | 6 | 18 |
| 18 | C. W. | 8 | 1 | | | | | | | | 1 | 2 | | | 2 | 1 | | | | 3 | 9 | 18 |
| 19 | C. W. | 6 | 1 | | | 1 | | | | | 1 | 1 | | | 1 | 1 | | | | 6 | 10 | 17 |
| 20 | C. W. | 5 | | | | | | | | | | | | 1 | 1 | 1 | | | | 5 | 6 | 13 |
| 21 | C. W. | 8 | | | | | | | | | 2 | 2 | | | 1 | 1 | | | | 4 | 5 | 11 |
| 22 | C. W. | 7 | 1 | | | | | | | | 2 | | | | 1 | 1 | | | | 3 | 6 | 15 |
| 23 | C. W. | 10 | 1 | | | | | 1 | | 1 | 2 | 5 | | | 2 | 2 | 1 | | | 5 | 11 | 17 |
| 24 | C. W. | 12 | | | | | | | | | 1 | 1 | 2 | | 1 | | | | | 3 | 9 | 20 |
| 25 | C. W. | 6 | | | | | | | | | 1 | | | | 2 | | | | | 9 | 12 | 20 |
| 26 | C. W. | 6 | | | | | | | | | | 1 | | | | | | | | 4 | 8 | 11 |
| 27 | C. W. | 11 | | | | | | | | | 1 | 1 | | | 2 | 1 | | | | 5 | 6 | 10 |
| 28 | C. W. | 10 | | 1 | | | | | | 1 | 1 | 1 | | | 3 | 1 | | 1 | | 6 | 11 | 22 |
| 29 | C. W. | 5 | | | 1 | | | | | | 1 | 1 | | | 1 | 1 | | | | 3 | 4 | 13 |
| 30 | C. W. | 7 | 1 | | | | | | | | 2 | 1 | | | 2 | 1 | 1 | | | 5 | 10 | 17 |
| 31 | C. W. | 7 | | | | | | | | | 1 | 2 | | | 1 | | | | | 3 | 7 | 15 |
| Total | W. C. | 252 | 8 | | 5 | | 1 | | 1 | | 2 | 35 | 8 | | 7 | 8 | 4 | 1 | | 158 | 265 | 490 |
| | C. | 211 | 10 | 2 | 1 | | | | | 1 | 5 | 41 | 1 | | 5 | 12 | | 2 | | 109 | 225 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

AUGUST.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 85 | 59 | ..... | 72 | ..... | ..... | ..... | ..... | ..... | 0 | 1 |
| | | 87 | 68 | ..... | 78 | ..... | ..... | ..... | ..... | ..... | T. | 2 |
| | | 90 | 70 | ..... | 80 | ..... | ..... | ..... | ..... | ..... | 0 | 3 |
| | | 88 | 75 | ..... | 82 | ..... | ..... | ..... | ..... | ..... | 0.10 | 4 |
| | | 87 | 66 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | 0 | 5 |
| | | 90 | 62 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | 0 | 6 |
| | | 88 | 59 | ..... | 74 | ..... | ..... | ..... | ..... | ..... | 0 | 7 |
| | | 76 | 66 | ..... | 71 | ..... | ..... | ..... | ..... | ..... | .27 | 8 |
| | | 85 | 63 | ..... | 74 | ..... | ..... | ..... | ..... | ..... | 0 | 9 |
| | | 86 | 68 | ..... | 77 | ..... | ..... | ..... | ..... | ..... | .15 | 10 |
| | | 87 | 64 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | .01 | 11 |
| | | 83 | 67 | ..... | 75 | ..... | ..... | ..... | ..... | ..... | 0 | 12 |
| | | 81 | 66 | ..... | 74 | ..... | ..... | ..... | ..... | ..... | 0 | 13 |
| | | 84 | 63 | ..... | 74 | ..... | ..... | ..... | ..... | ..... | 0 | 14 |
| | | 80 | 70 | ..... | 75 | ..... | ..... | ..... | ..... | ..... | .02 | 15 |
| | | 82 | 70 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | .29 | 16 |
| | | 74 | 67 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | .19 | 17 |
| | | 84 | 67 | ..... | 76 | ..... | ..... | ..... | ..... | ..... | 0 | 18 |
| | | 80 | 65 | ..... | 72 | ..... | ..... | ..... | ..... | ..... | .03 | 19 |
| | | 82 | 58 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | 0 | 20 |
| | | 79 | 61 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | 0 | 21 |
| | | 81 | 61 | ..... | 71 | ..... | ..... | ..... | ..... | ..... | 0 | 22 |
| | | 84 | 66 | ..... | 75 | ..... | ..... | ..... | ..... | ..... | 0 | 23 |
| | | 86 | 70 | ..... | 78 | ..... | ..... | ..... | ..... | ..... | 0 | 24 |
| | | 90 | 70 | ..... | 80 | ..... | ..... | ..... | ..... | ..... | 0 | 25 |
| | | 77 | 64 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | .18 | 26 |
| | | 75 | 58 | ..... | 66 | ..... | ..... | ..... | ..... | ..... | .01 | 27 |
| | | 77 | 61 | ..... | 69 | ..... | ..... | ..... | ..... | ..... | T. | 28 |
| | | 77 | 69 | ..... | 73 | ..... | ..... | ..... | ..... | ..... | T. | 29 |
| | | 77 | 63 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | 0 | 30 |
| | | 78 | 61 | ..... | 70 | ..... | ..... | ..... | ..... | ..... | .01 | 31 |
| 30.06 | | 82.6 | 65.1 | ..... | 73.8 | ..... | ..... | ..... | ..... | ..... | 1.26 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

SEPTEMBER.

| Day of month. | Color. | Deaths, less those by violence. | Deaths due to external causes. | | | | Minor contagious diseases. | | | Diarrheal diseases. | Dysentery. | | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|---------------------------------|--------------------------------|------------|-----------|----------|----------------------------|-----------------------|----------|---------------------|-----------------|----------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Accidents and negligence. | Homicides. | Suicides. | Strokes. | Scarlet fever. | Diphtheria and croup. | Measles. | | Whooping cough. | Under 2 years. |  |  |  |  |  |  |  |  |  |  | Under 2 years and over. | Under 2 years. | 2 years and over. |
| 1. | W. C. | 14 | 1 | | | 1 | | | 2 | | | | | | 1 | 2 | | | | 9 | 15 | 24 |
| 2. | W. C. | 8 | | | | | | | 2 | | | 1 | 1 | | 2 | 2 | | | | 4 | 9 | 8 |
| 3. | W. C. | 5 | | | | 1 | | | | | | | | | | | | | | 3 | 5 | |
| 4. | W. C. | 7 | | | | | | | 1 | 1 | | | 1 | | 2 | | | | | 3 | 7 | 14 |
| 5. | W. C. | 3 | | | | | | | | | | | | | | 1 | | | | 2 | 3 | 9 |
| 6. | W. C. | 6 | | | | | | | 1 | 1 | | | 1 | | 2 | 1 | | | | 6 | 10 | 25 |
| 7. | W. C. | 9 | | | 1 | | | | 2 | 1 | 1 | | 1 | | 4 | 2 | | | | 6 | 15 | |
| 8. | W. C. | 12 | 1 | | | | | | 1 | 1 | | | 1 | | 3 | 3 | 1 | 1 | | 7 | 13 | 21 |
| 9. | W. C. | 7 | 1 | | | | | | 1 | 1 | | | 1 | | 2 | 2 | 1 | | | 4 | 9 | 17 |
| 10. | W. C. | 4 | | | | | | | | | | | 1 | | 1 | 1 | | | | 2 | 7 | 11 |
| 11. | W. C. | 10 | | | | | | | 2 | | | | | | 1 | 1 | 1 | | | 3 | 10 | 15 |
| 12. | W. C. | 4 | | 1 | | 1 | | | | | | | 1 | | 1 | 1 | | | | 6 | 5 | 17 |
| 13. | W. C. | 9 | 1 | | | | | | 1 | 1 | | | 1 | | 2 | 1 | | 1 | | 3 | 6 | 17 |
| 14. | W. C. | 6 | | | | | | | | | 1 | | | | 1 | | | | | 4 | 6 | 16 |
| 15. | W. C. | 11 | 1 | | | | | | | | | | | | 1 | 1 | 1 | | | 9 | 12 | 16 |
| 16. | W. C. | 4 | | | | | | | 1 | 1 | | | 1 | | 1 | | | | | 2 | 4 | 9 |
| 17. | W. C. | 9 | | | | | | | | | | | | | | | 1 | | | 5 | 9 | 19 |
| 18. | W. C. | 10 | 1 | | | 1 | | | 2 | 1 | 1 | | | | 2 | 2 | | | | 7 | 11 | 18 |
| 19. | W. C. | 7 | | | | | | | 1 | 1 | | | | | 1 | 1 | | | | 3 | 5 | 12 |
| 20. | W. C. | 8 | 1 | | | | | | | | | | | | | | | | | 4 | 6 | 15 |
| 21. | W. C. | 5 | | | | | | | 1 | | | | 1 | | | | 1 | | | 7 | 8 | 15 |
| 22. | W. C. | 8 | | | | | | | | | | | | | 3 | | | | | 4 | 7 | |
| 23. | W. C. | 7 | | | | | | | 1 | 1 | | | | | 1 | 1 | | | | 5 | 8 | 20 |
| 24. | W. C. | 11 | 1 | | | | | | | | | | | | 3 | 3 | | | | 8 | 12 | |
| 25. | W. C. | 5 | | | | | | | | | | | | | 1 | 1 | | | | 4 | 5 | 11 |
| 26. | W. C. | 6 | | | | | | | | | | | 1 | | 2 | 1 | | | | 3 | 6 | 13 |
| 27. | W. C. | 7 | 1 | | | | | | | | | | | | 1 | 1 | | 1 | | 6 | 7 | |
| 28. | W. C. | 5 | | | | | | | 1 | 1 | | | | | | | | | | 4 | 6 | 13 |
| 29. | W. C. | 8 | | | | | | | 1 | 1 | | | | | 1 | 1 | | | | 2 | 5 | 12 |
| 30. | W. C. | 1 | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 31. | W. C. | 2 | | | | | | | | | | | | | | | | | | 2 | 3 | |
| 32. | W. C. | 3 | | | | | | | | | | | | | | | | | | 3 | 4 | |
| 33. | W. C. | 4 | | | | | | | | | | | | | | | | | | 4 | 5 | |
| 34. | W. C. | 5 | | | | | | | | | | | | | | | | | | 5 | 6 | |
| 35. | W. C. | 6 | | | | | | | | | | | | | | | | | | 6 | 7 | |
| 36. | W. C. | 7 | | | | | | | | | | | | | | | | | | 7 | 8 | |
| 37. | W. C. | 8 | | | | | | | | | | | | | | | | | | 8 | 9 | |
| 38. | W. C. | 9 | | | | | | | | | | | | | | | | | | 9 | 10 | |
| 39. | W. C. | 10 | | | | | | | | | | | | | | | | | | 10 | 11 | |
| 40. | W. C. | 11 | | | | | | | | | | | | | | | | | | 11 | 12 | |
| 41. | W. C. | 12 | | | | | | | | | | | | | | | | | | 12 | 13 | |
| 42. | W. C. | 13 | | | | | | | | | | | | | | | | | | 13 | 14 | |
| 43. | W. C. | 14 | | | | | | | | | | | | | | | | | | 14 | 15 | |
| 44. | W. C. | 15 | | | | | | | | | | | | | | | | | | 15 | 16 | |
| 45. | W. C. | 16 | | | | | | | | | | | | | | | | | | 16 | 17 | |
| 46. | W. C. | 17 | | | | | | | | | | | | | | | | | | 17 | 18 | |
| 47. | W. C. | 18 | | | | | | | | | | | | | | | | | | 18 | 19 | |
| 48. | W. C. | 19 | | | | | | | | | | | | | | | | | | 19 | 20 | |
| 49. | W. C. | 20 | | | | | | | | | | | | | | | | | | 20 | 21 | |
| 50. | W. C. | 21 | | | | | | | | | | | | | | | | | | 21 | 22 | |
| 51. | W. C. | 22 | | | | | | | | | | | | | | | | | | 22 | 23 | |
| 52. | W. C. | 23 | | | | | | | | | | | | | | | | | | 23 | 24 | |
| 53. | W. C. | 24 | | | | | | | | | | | | | | | | | | 24 | 25 | |
| 54. | W. C. | 25 | | | | | | | | | | | | | | | | | | 25 | 26 | |
| 55. | W. C. | 26 | | | | | | | | | | | | | | | | | | 26 | 27 | |
| 56. | W. C. | 27 | | | | | | | | | | | | | | | | | | 27 | 28 | |
| 57. | W. C. | 28 | | | | | | | | | | | | | | | | | | 28 | 29 | |
| 58. | W. C. | 29 | | | | | | | | | | | | | | | | | | 29 | 30 | |
| 59. | W. C. | 30 | | | | | | | | | | | | | | | | | | 30 | 31 | |
| 60. | W. C. | 31 | | | | | | | | | | | | | | | | | | 31 | 32 | |
| Total. | W. C. | 234 | 10 | 3 | 1 | 1 | 1 | 1 | 17 | 7 | 1 | 1 | 4 | 1 | 31 | 12 | 5 | 3 | 152 | 247 | 459 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

SEPTEMBER.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | s a. m. | s p. m. | | | |
| | | 80 | 69 | | 74 | | | | | | 1.14 | 1 |
| | | 71 | 67 | | 69 | | | | | | T. | 2 |
| | | 81 | 67 | | 74 | | | | | | .11 | 3 |
| | | 90 | 67 | | 78 | | | | | | 0 | 4 |
| | | 88 | 72 | | 80 | | | | | | 0 | 5 |
| | | 94 | 72 | | 83 | | | | | | .39 | 6 |
| | | 88 | 67 | | 78 | | | | | | 0 | 7 |
| | | 85 | 64 | | 74 | | | | | | 0 | 8 |
| | | 86 | 65 | | 76 | | | | | | 0 | 9 |
| | | 74 | 55 | | 64 | | | | | | 0 | 10 |
| | | 75 | 63 | | 69 | | | | | | 0 | 11 |
| | | 85 | 66 | | 76 | | | | | | T. | 12 |
| | | 84 | 63 | | 74 | | | | | | .51 | 13 |
| | | 73 | 60 | | 66 | | | | | | T. | 14 |
| | | 72 | 53 | | 62 | | | | | | 0 | 15 |
| | | 73 | 49 | | 61 | | | | | | 0 | 16 |
| | | 77 | 48 | | 62 | | | | | | 0 | 17 |
| | | 82 | 48 | | 65 | | | | | | 0 | 18 |
| | | 73 | 65 | | 69 | | | | | | T. | 19 |
| | | 84 | 64 | | 74 | | | | | | 0 | 20 |
| | | 82 | 63 | | 72 | | | | | | 0 | 21 |
| | | 75 | 60 | | 68 | | | | | | 0 | 22 |
| | | 75 | 55 | | 65 | | | | | | 0 | 23 |
| | | 83 | 68 | | 76 | | | | | | 0 | 24 |
| | | 84 | 67 | | 76 | | | | | | 0 | 25 |
| | | 88 | 65 | | 76 | | | | | | 0 | 26 |
| | | 85 | 66 | | 76 | | | | | | 0 | 27 |
| | | 80 | 58 | | 69 | | | | | | 0 | 28 |
| | | 74 | 52 | | 63 | | | | | | 0 | 29 |
| | | 72 | 52 | | 62 | | | | | | 0 | 30 |
| 30.08 | | 80.4 | 61.7 | | 71.0 | | | | | | 2.15 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

OCTOBER.

| Day of month. | Color. | Deaths less those by violence. | Deaths due to external causes. | | | | Minor contagious diseases. | | | | Diarrheal diseases. | | Dysentery. | | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|--------------------------------|--------------------------------|------------|-----------|-------------|----------------------------|-----------------------|----------|-----------------|---------------------|-------------------|----------------|-------------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Accidents and negligence. | Homicides. | Suicides. | Sunstrokes. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | 2 years and over. | Under 2 years. | 2 years and over. | | | | | | | | | | |
| 1 | W. | 7 | 1 | 1 | | | | | | | | | | | | | 3 | 1 | | | | 4 | 9 | 14 |
| 2 | C. | 5 | | | | | | | | | | | | | | | 1 | 1 | | | | 4 | 5 | 9 |
| 3 | W. | 7 | | | | | | | | | | | | | 1 | | 2 | | | | | 6 | 7 | 13 |
| 4 | C. | 8 | 2 | | | | | | | | | | | | | | 2 | 1 | 1 | | | 12 | 16 | 28 |
| 5 | W. | 11 | | | | | | | | | 1 | | | | | | 2 | | | | | 6 | 13 | 29 |
| 6 | C. | 13 | | | | | | | | | 3 | | | | | | 2 | 1 | 1 | | | 4 | 12 | 16 |
| 7 | W. | 4 | | | | | | | | | | | | | 1 | 1 | 4 | 1 | | | | 2 | 8 | 10 |
| 8 | C. | 7 | 1 | | 2 | | | | | | 2 | | | | | 1 | 4 | 1 | | | | 4 | 11 | 15 |
| 9 | W. | 8 | | | | | | | | | | | | | | | 1 | 1 | | | | 6 | 7 | 13 |
| 10 | C. | 6 | 1 | 1 | | | | | | | 1 | | | | | | | 1 | | | | 1 | 2 | 3 |
| 11 | W. | 5 | | | | | | | | | | | 1 | | | | 2 | | | | | 2 | 5 | 7 |
| 12 | C. | 9 | | | | | | | | | | | | | | | 1 | 1 | | 1 | | 6 | 9 | 15 |
| 13 | W. | 4 | | | | | | | | | | | | | | | 1 | 1 | | | | 3 | 4 | 7 |
| 14 | C. | 5 | | | | | | | | | | | | | | | 1 | 1 | | 1 | | 4 | 5 | 9 |
| 15 | W. | 3 | | | | | | | | | | | | | | | 1 | | | | | 2 | 3 | 5 |
| 16 | C. | 11 | 1 | | | | | | | | | | | | | | 2 | | | | | 9 | 12 | 21 |
| 17 | W. | 5 | | | | | | | | | | | 1 | | | | 1 | | | | | 3 | 5 | 8 |
| 18 | C. | 7 | | | | | | | | | | | | | | | 1 | 1 | | | | 6 | 8 | 14 |
| 19 | W. | 8 | | | | | | | | | | | | | | | | | | | | 5 | 6 | 11 |
| 20 | C. | 6 | | | | | | | | | | | | | | | | | | | | 4 | 5 | 9 |
| 21 | W. | 6 | | | | | | | | | | | | | | | 1 | | | | | 5 | 6 | 11 |
| 22 | C. | 7 | 1 | | | | | | | | | | | | | | 3 | | | | | 6 | 7 | 13 |
| 23 | W. | 4 | | | | | | | | | | | | | | | 1 | | | | | 5 | 6 | 11 |
| 24 | C. | 9 | | | | | | | | | | | | | | | 3 | 1 | | | 1 | 6 | 9 | 15 |
| 25 | W. | 10 | | | | | | | | | 2 | | | | | | 3 | | | | | 7 | 10 | 17 |
| 26 | C. | 4 | | | | | | | | | 1 | | | | | | 1 | 1 | | | | 2 | 3 | 5 |
| 27 | W. | 7 | | | | | | | | | | | | | | | | | | | | 4 | 5 | 9 |
| 28 | C. | 8 | | | | | | | | | | | | | | | 1 | | | | | 5 | 6 | 11 |
| 29 | W. | 6 | | | | | | | | | | | | | | | | | | | | 4 | 5 | 9 |
| 30 | C. | 9 | | | | | | | | | | | | | | | 1 | 1 | | | | 6 | 7 | 13 |
| 31 | W. | 13 | | | | | | | | | | | | | | | 2 | | | | | 7 | 10 | 17 |
| | C. | 8 | 1 | | | | | | | | | | 1 | | | | 2 | 2 | 1 | | | 10 | 15 | 25 |
| Total | W. | 242 | | | | | | | | | | | | | | | 25 | 7 | 7 | | 1 | 187 | 261 | 472 |
| | C. | 204 | 14 | 1 | 4 | | | 1 | | | 3 | 1 | 2 | | 5 | 3 | 37 | 9 | 7 | | 1 | 129 | 211 | 472 |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

OCTOBER.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of Month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 90 | 61 | | 76 | | | | | | 0 | 1 |
| | | 73 | 52 | | 62 | | | | | | 0 | 2 |
| | | 77 | 47 | | 62 | | | | | | 0 | 3 |
| | | 81 | 63 | | 72 | | | | | | 0 | 4 |
| | | 86 | 68 | | 77 | | | | | | 0 | 5 |
| | | 85 | 68 | | 76 | | | | | | 0 | 6 |
| | | 76 | 53 | | 64 | | | | | | 0.61 | 7 |
| | | 54 | 51 | | 52 | | | | | | .58 | 8 |
| | | 74 | 53 | | 64 | | | | | | .03 | 9 |
| | | 65 | 46 | | 56 | | | | | | 0 | 10 |
| | | 80 | 46 | | 63 | | | | | | 0 | 11 |
| | | 81 | 49 | | 65 | | | | | | 0 | 12 |
| | | 64 | 44 | | 54 | | | | | | 0 | 13 |
| | | 80 | 52 | | 66 | | | | | | 0 | 14 |
| | | 84 | 58 | | 71 | | | | | | 0 | 15 |
| | | 85 | 56 | | 70 | | | | | | 0 | 16 |
| | | 77 | 49 | | 63 | | | | | | 0 | 17 |
| | | 75 | 44 | | 60 | | | | | | 0 | 18 |
| | | 76 | 54 | | 65 | | | | | | .70 | 19 |
| | | 75 | 61 | | 68 | | | | | | 2.97 | 20 |
| | | 67 | 58 | | 62 | | | | | | T. | 21 |
| | | 63 | 51 | | 57 | | | | | | .65 | 22 |
| | | 61 | 42 | | 52 | | | | | | 0 | 23 |
| | | 63 | 37 | | 50 | | | | | | 0 | 24 |
| | | 66 | 42 | | 54 | | | | | | .01 | 25 |
| | | 64 | 45 | | 54 | | | | | | 0 | 26 |
| | | 66 | 48 | | 57 | | | | | | .15 | 27 |
| | | 54 | 38 | | 46 | | | | | | .04 | 28 |
| | | 46 | 34 | | 40 | | | | | | 0 | 29 |
| | | 49 | 31 | | 40 | | | | | | 0 | 30 |
| | | 65 | 32 | | 48 | | | | | | 0 | 31 |
| 30.05 | | 71.0 | 49.5 | | 60.2 | | | | | | 5.74 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological
NOVEMBER.

| Day of month. | Color. | Deaths less those by violence. Accidents and negligence. | Deaths due to external causes. | | | Minor contagious diseases. | | | Diarrheal diseases. | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|----------|---|--------------------------------|-----------|------------|----------------------------|-----------------------|----------|---------------------|------------|----------------|------------------|-------------------------|------------|-------------|--------------------------|-------------|---------------------|------------------|---------------|
| | | | Homicides. | Suicides. | Sunstroke. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | | | | | | | | | | | |
| 1..... | W. C. C. | 9 | 2 | 1 | | | | | | | | | | | | | | 9 | 12 | 25 |
| 2..... | W. C. C. | 13 | | | | | | | 1 | | | | | | | | | 9 | 13 | 19 |
| 3..... | W. C. C. | 10 | 1 | | | | | | | | | | | | | | | 8 | 11 | 19 |
| 4..... | W. C. C. | 9 | | | | | | | | | | | | | | | | 8 | 8 | 19 |
| 5..... | W. C. C. | 10 | | | | | | | | | | 1 | | | | | | 5 | 10 | 23 |
| 6..... | W. C. C. | 15 | 1 | | | | | | | | | | 2 | 1 | | | | 13 | 16 | 23 |
| 7..... | W. C. C. | 7 | | | | | | | | | | | 1 | | | | | 6 | 7 | 15 |
| 8..... | W. C. C. | 4 | 2 | | | | | | | | | | 2 | 1 | | | | 4 | 6 | 15 |
| 9..... | W. C. C. | 9 | 1 | | | | | | | | | | 1 | 2 | | | | 9 | 10 | 15 |
| 10..... | W. C. C. | 5 | | | | | | | | | | | 1 | 1 | | | | 2 | 3 | 8 |
| 11..... | W. C. C. | 4 | 3 | 1 | | | | | | | | | 1 | 1 | | | | 4 | 4 | 15 |
| 12..... | W. C. C. | 9 | | | | | | | | 1 | | | 1 | 1 | | | | 3 | 7 | 13 |
| 13..... | W. C. C. | 6 | 1 | 1 | | | | | | | | | 1 | | | | | 4 | 6 | 23 |
| 14..... | W. C. C. | 11 | | | | | | | | | | 1 | | 2 | | | | 8 | 11 | 13 |
| 15..... | W. C. C. | 11 | 1 | | | | | | | | | | 4 | | 1 | | | 6 | 12 | 23 |
| 16..... | W. C. C. | 7 | | | 1 | | | | | | | | 1 | 2 | | | | 6 | 8 | 13 |
| 17..... | W. C. C. | 5 | | | | | | | | | | | 1 | 2 | | | | 3 | 5 | 13 |
| 18..... | W. C. C. | 8 | | | | | | | | | | | 1 | | | | | 7 | 8 | 13 |
| 19..... | W. C. C. | 4 | 1 | | | | | | | | | | 2 | 1 | 1 | | | 3 | 7 | 23 |
| 20..... | W. C. C. | 12 | | | | | | | 1 | | | | 2 | 1 | 1 | | | 7 | 12 | 19 |
| 21..... | W. C. C. | 10 | 1 | | | | | | | 1 | | | 3 | 1 | | | | 5 | 9 | 23 |
| 22..... | W. C. C. | 12 | | | | | | | | | | | 2 | | | | | 9 | 12 | 19 |
| 23..... | W. C. C. | 7 | | | | | | | | | | 1 | 1 | 2 | | | | 6 | 7 | 18 |
| 24..... | W. C. C. | 11 | | | | | | | | | | | 1 | 4 | 1 | | | 8 | 11 | 14 |
| 25..... | W. C. C. | 7 | | | | | | | | | | | 1 | 1 | | | | 1 | 6 | 16 |
| 26..... | W. C. C. | 8 | | | | | | | | | | | 1 | 2 | | | | 3 | 5 | 16 |
| 27..... | W. C. C. | 6 | | | | | | | | | | | 2 | 3 | 1 | | | 6 | 9 | 23 |
| 28..... | W. C. C. | 9 | | | | | | | | | | | 2 | 1 | | | | 6 | 7 | 20 |
| 29..... | W. C. C. | 14 | | | | | | | | | | 1 | 2 | 1 | 2 | | | 9 | 10 | 25 |
| 30..... | W. C. C. | 10 | 1 | | | | | | | | | | 2 | 2 | | | | 6 | 11 | 16 |
| 31..... | W. C. C. | 8 | | | | | | | | | | | 1 | 1 | | | | 7 | 8 | 16 |
| 32..... | W. C. C. | 8 | | | | | | | | | | | 2 | 1 | | | | 6 | 7 | 16 |
| 33..... | W. C. C. | 7 | | | | | | | | | | | 3 | 1 | 1 | | | 4 | 6 | 19 |
| 34..... | W. C. C. | 9 | | | | | | | | | | | 1 | | | | | 6 | 9 | 23 |
| 35..... | W. C. C. | 9 | | | | | | | | | | | 1 | 2 | | | | 9 | 10 | 19 |
| 36..... | W. C. C. | 10 | | | | | | | | | | | 1 | | | | | 6 | 7 | 16 |
| 37..... | W. C. C. | 7 | | | | | | | | | | 1 | | 1 | | | | 7 | 9 | 30 |
| 38..... | W. C. C. | 22 | 1 | | | | | | | | | | | 2 | | | | 19 | 23 | 16 |
| 39..... | W. C. C. | 7 | | | | | | | | | | | 3 | 1 | | | | 5 | 8 | 16 |
| 40..... | W. C. C. | 8 | | | | | | | | | | | 1 | | | | | 3 | 17 | 28 |
| 41..... | W. C. C. | 11 | | | | | | | | | | 1 | 1 | | | | | 12 | 8 | 13 |
| 42..... | W. C. C. | 5 | | | | | | | | | | | 1 | 1 | | | | 4 | 5 | 13 |
| 43..... | W. C. C. | 8 | | | | | | | | | | | 1 | 1 | | | | 6 | 8 | 23 |
| 44..... | W. C. C. | 8 | 2 | | | | | | | | | | 1 | 1 | | | | 5 | 11 | 17 |
| 45..... | W. C. C. | 12 | | | | | | | | | | | 2 | 1 | | | | 8 | 12 | 23 |
| 46..... | W. C. C. | 11 | | | | | | | | | | | 1 | | | | | 10 | 12 | 17 |
| 47..... | W. C. C. | 5 | | | | | | | | | | | | | | | | 5 | 5 | 17 |
| Total..... | W. C. C. | 292 | 11 | 1 | 5 | | | 4 | | | | 4 | 21 | 23 | 4 | 1 | | 230 | 309 | 553 |
| | | 239 | 5 | | | | | 1 | 5 | 3 | 3 | 5 | 33 | 30 | 9 | | | 152 | 244 | |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

NOVEMBER.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of Month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 62 | 34 | | 48 | | | | | | 0 | 1 |
| | | 57 | 44 | | 50 | | | | | | 0.19 | 2 |
| | | 46 | 33 | | 40 | | | | | | .50 | 3 |
| | | 44 | 32 | | 38 | | | | | | 1.01 | 4 |
| | | 52 | 41 | | 46 | | | | | | 0 | 5 |
| | | 49 | 36 | | 42 | | | | | | 0 | 6 |
| | | 46 | 31 | | 38 | | | | | | 0 | 7 |
| | | 54 | 34 | | 44 | | | | | | 0 | 8 |
| | | 59 | 30 | | 44 | | | | | | 0 | 9 |
| | | 66 | 47 | | 56 | | | | | | T. | 10 |
| | | 49 | 33 | | 41 | | | | | | 0 | 11 |
| | | 44 | 32 | | 38 | | | | | | 0 | 12 |
| | | 45 | 40 | | 42 | | | | | | 0 | 13 |
| | | 47 | 36 | | 42 | | | | | | .02 | 14 |
| | | 46 | 36 | | 41 | | | | | | T. | 15 |
| | | 44 | 39 | | 42 | | | | | | 0 | 16 |
| | | 44 | 37 | | 40 | | | | | | 0 | 17 |
| | | 48 | 30 | | 39 | | | | | | 0 | 18 |
| | | 44 | 32 | | 38 | | | | | | 0 | 19 |
| | | 46 | 26 | | 36 | | | | | | 0 | 20 |
| | | 49 | 23 | | 36 | | | | | | 0 | 21 |
| | | 44 | 34 | | 39 | | | | | | .06 | 22 |
| | | 48 | 31 | | 40 | | | | | | .06 | 23 |
| | | 54 | 33 | | 44 | | | | | | .12 | 24 |
| | | 51 | 35 | | 43 | | | | | | .04 | 25 |
| | | 48 | 33 | | 40 | | | | | | 0 | 26 |
| | | 47 | 30 | | 38 | | | | | | .10 | 27 |
| | | 41 | 38 | | 40 | | | | | | .18 | 28 |
| | | 43 | 36 | | 40 | | | | | | T. | 29 |
| | | 38 | 32 | | 35 | | | | | | 0 | 30 |
| 29.92 | | 48.5 | 34.3 | | 41.4 | | | | | | 2.28 | |

TABLE 2.—Showing the daily mortality in the District of Columbia during the calendar meteorological

DECEMBER.

| Day of month. | Color. | Deaths, less those by violence, Accidents and negligence. | Deaths due to external causes. | | | Minor contagious diseases. | | | Dysentery. | Typhoid fever. | Malarial fevers. | Pulmonary tuberculosis. | Pneumonia. | Bronchitis. | Congestion of the lungs. | Rheumatism. | All other diseases. | Deaths by color. | Total deaths. |
|---------------|--------|---|--------------------------------|-----------|----------|----------------------------|-----------------------|----------|-----------------|----------------|-------------------------|-------------------------|-------------------------|----------------|--------------------------|----------------|-------------------------|------------------|-------------------------|
| | | | Homicides. | Suicides. | Strokes. | Scarlet fever. | Diphtheria and croup. | Measles. | Whooping cough. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. | Under 2 years. | Under 2 years and over. |
| 1..... | W. | 12 | | | | | | | | | | | | | | | | | |
| 2..... | C. | 4 | | | | | | | | | | | | | | | | | |
| 3..... | W. | 5 | | | | | | | | | | | | | | | | | |
| 4..... | C. | 7 | | | | | | | | | | | | | | | | | |
| 5..... | W. | 9 | | | | | | | | | | | | | | | | | |
| 6..... | C. | 13 | 1 | 1 | | | | | | | | | | | | | | | |
| 7..... | W. | 13 | | | | | | | | | | | | | | | | | |
| 8..... | C. | 4 | | | | | | | | | | | | | | | | | |
| 9..... | W. | 7 | | | | | | | | | | | | | | | | | |
| 10..... | C. | 11 | | | | | | | | | | | | | | | | | |
| 11..... | W. | 7 | | | | | | | | | | | | | | | | | |
| 12..... | C. | 5 | | | | | | | | | | | | | | | | | |
| 13..... | W. | 7 | | | | | | | | | | | | | | | | | |
| 14..... | C. | 11 | | | | | | | | | | | | | | | | | |
| 15..... | W. | 7 | | | | | | | | | | | | | | | | | |
| 16..... | C. | 13 | | | | | | | | | | | | | | | | | |
| 17..... | W. | 4 | | | | | | | | | | | | | | | | | |
| 18..... | C. | 7 | | | | | | | | | | | | | | | | | |
| 19..... | W. | 7 | | | | | | | | | | | | | | | | | |
| 20..... | C. | 8 | | | | | | | | | | | | | | | | | |
| 21..... | W. | 9 | | | | | | | | | | | | | | | | | |
| 22..... | C. | 10 | | | | | | | | | | | | | | | | | |
| 23..... | W. | 10 | | | | | | | | | | | | | | | | | |
| 24..... | C. | 10 | | | | | | | | | | | | | | | | | |
| 25..... | W. | 9 | | | | | | | | | | | | | | | | | |
| 26..... | C. | 7 | | | | | | | | | | | | | | | | | |
| 27..... | W. | 10 | | | | | | | | | | | | | | | | | |
| 28..... | C. | 10 | | | | | | | | | | | | | | | | | |
| 29..... | W. | 9 | | | | | | | | | | | | | | | | | |
| 30..... | C. | 7 | | | | | | | | | | | | | | | | | |
| 31..... | W. | 20 | | | | | | | | | | | | | | | | | |
| Total..... | W. | 302 | 17 | 6 | 4 | | | | | 3 | 4 | | | | | | | | |
| | C. | 206 | 7 | 1 | 1 | | | 1 | | 1 | | | 26 | 30 | 12 | 2 | 222 | 329 | 544 |

year 1910, arranged with reference to race, cause of death, and corresponding daily conditions—Continued.

DECEMBER.

| Mean barometer (actual). | Mean relative humidity. | Temperature (exposed bulb). | | | | Mean wet bulb. | Mean dew point. | Direction of wind. | | Total movement of wind. | Rainfall (inches). | Day of month. |
|--------------------------|-------------------------|-----------------------------|----------|--------|-------|----------------|-----------------|--------------------|---------|-------------------------|--------------------|---------------|
| | | Maximum. | Minimum. | Range. | Mean. | | | 8 a. m. | 8 p. m. | | | |
| | | 39 | 30 | | 34 | | | | | | T. | 1 |
| | | 38 | 29 | | 34 | | | | | | T. | 2 |
| | | 38 | 27 | | 32 | | | | | | 0 | 3 |
| | | 35 | 27 | | 31 | | | | | | 0.01 | 4 |
| | | 33 | 27 | | 30 | | | | | | .90 | 5 |
| | | 29 | 25 | | 27 | | | | | | .09 | 6 |
| | | 35 | 22 | | 28 | | | | | | T. | 7 |
| | | 37 | 13 | | 25 | | | | | | 0 | 8 |
| | | 28 | 11 | | 20 | | | | | | 0 | 9 |
| | | 31 | 8 | | 20 | | | | | | .19 | 10 |
| | | 37 | 26 | | 32 | | | | | | T. | 11 |
| | | 34 | 26 | | 30 | | | | | | 0 | 12 |
| | | 31 | 21 | | 26 | | | | | | 0 | 13 |
| | | 43 | 18 | | 30 | | | | | | 0 | 14 |
| | | 49 | 26 | | 38 | | | | | | T. | 15 |
| | | 26 | 17 | | 22 | | | | | | 0 | 16 |
| | | 34 | 12 | | 23 | | | | | | 0 | 17 |
| | | 37 | 14 | | 26 | | | | | | .06 | 18 |
| | | 41 | 32 | | 36 | | | | | | 0 | 19 |
| | | 35 | 21 | | 28 | | | | | | 0 | 20 |
| | | 28 | 18 | | 23 | | | | | | 0 | 21 |
| | | 33 | 19 | | 26 | | | | | | 0 | 22 |
| | | 44 | 26 | | 35 | | | | | | .17 | 23 |
| | | 45 | 30 | | 38 | | | | | | .73 | 24 |
| | | 32 | 23 | | 28 | | | | | | 0 | 25 |
| | | 37 | 24 | | 30 | | | | | | T. | 26 |
| | | 47 | 23 | | 35 | | | | | | 0 | 27 |
| | | 50 | 30 | | 40 | | | | | | T. | 28 |
| | | 62 | 41 | | 52 | | | | | | 0 | 29 |
| | | 56 | 27 | | 42 | | | | | | .09 | 30 |
| | | 33 | 21 | | 27 | | | | | | 0 | 31 |
| 30.13 | | 38.0 | 23.0 | | 30.5 | | | | | | 2.64 | |

TABLE 3.—Average age of decedents in the District of Columbia during the calendar year 1910, by sex, race, and age.

WHITE MALES.

| Months. | All ages. | | | 5 years and over. | | | 20 years and over. | | | 40 years and over. | | |
|----------------|-----------|--------------|----|-------------------|---------|--------------|--------------------|----|---------|--------------------|----|----|
| | Deaths. | Average age. | | | Deaths. | Average age. | | | Deaths. | Average age. | | |
| | | Y. | m. | d. | | Y. | m. | d. | | Y. | m. | d. |
| January..... | 187 | 52 | 1 | 24 | 167 | 58 | 3 | 5 | 163 | 59 | 3 | 19 |
| February..... | 190 | 45 | 8 | 24 | 157 | 55 | 2 | 9 | 148 | 57 | 10 | 2 |
| March..... | 191 | 44 | 11 | 18 | 156 | 54 | 10 | 13 | 147 | 57 | 8 | 5 |
| April..... | 182 | 48 | 2 | 6 | 160 | 54 | 8 | 14 | 125 | 55 | 8 | 3 |
| May..... | 159 | 45 | 9 | 24 | 136 | 53 | 5 | 1 | 125 | 56 | 11 | 8 |
| June..... | 155 | 48 | .. | 22 | 134 | 55 | 5 | 8 | 129 | 57 | 2 | 3 |
| July..... | 210 | 36 | 6 | 23 | 141 | 54 | .. | 14 | 128 | 58 | 4 | 24 |
| August..... | 154 | 34 | 1 | 5 | 99 | 52 | 5 | 29 | 90 | 56 | 3 | 28 |
| September..... | 142 | 43 | 10 | 2 | 114 | 56 | 2 | 14 | 108 | 58 | 6 | 14 |
| October..... | 149 | 56 | .. | 24 | 128 | 65 | 2 | 18 | 122 | 67 | 7 | 10 |
| November..... | 180 | 48 | 2 | 11 | 149 | 58 | 1 | 2 | 146 | 58 | 11 | 28 |
| December..... | 179 | 50 | 7 | 2 | 158 | 57 | 2 | 17 | 154 | 58 | 5 | 12 |
| Total..... | 2,078 | 46 | 2 | 7 | 1,699 | 56 | 3 | 21 | 1,616 | 58 | 6 | 17 |
| | | | | | | | | | | 1,308 | 65 | 1 |
| | | | | | | | | | | | | 8 |

WHITE FEMALES.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|----|-------|----|----|----|-------|----|----|----|-------|----|----|----|
| January..... | 185 | 52 | 9 | 24 | 168 | 57 | 11 | 28 | 159 | 60 | 7 | 21 | 138 | 65 | 8 | 13 |
| February..... | 178 | 52 | 8 | 5 | 157 | 59 | 6 | 22 | 151 | 61 | 5 | 7 | 129 | 67 | 9 | 14 |
| March..... | 172 | 46 | 11 | 2 | 140 | 57 | 6 | 5 | 133 | 59 | 11 | 23 | 115 | 64 | 4 | 29 |
| April..... | 155 | 53 | 9 | 18 | 134 | 62 | .. | 21 | 126 | 65 | 11 | 22 | 93 | 66 | 4 | 21 |
| May..... | 122 | 50 | 4 | 27 | 106 | 57 | 10 | 19 | 100 | 60 | 5 | 26 | 83 | 66 | 11 | 20 |
| June..... | 126 | 45 | 11 | 19 | 105 | 56 | 5 | 20 | 100 | 57 | 2 | 24 | 78 | 64 | 4 | 7 |
| July..... | 131 | 39 | 9 | .. | 97 | 53 | 5 | 26 | 86 | 58 | 6 | 21 | 71 | 64 | 6 | 28 |
| August..... | 111 | 39 | 10 | 15 | 78 | 56 | 5 | 19 | 75 | 58 | 2 | 4 | 61 | 64 | 3 | 10 |
| September..... | 105 | 39 | 5 | 11 | 79 | 52 | 2 | 18 | 74 | 54 | 10 | 21 | 56 | 62 | 8 | 27 |
| October..... | 112 | 40 | 2 | 7 | 86 | 52 | 1 | 27 | 78 | 56 | 3 | 21 | 59 | 64 | 8 | 6 |
| November..... | 129 | 52 | 4 | 19 | 112 | 60 | 2 | 11 | 107 | 62 | 3 | 16 | 92 | 67 | 1 | 3 |
| December..... | 150 | 57 | 9 | 26 | 137 | 63 | 3 | 4 | 133 | 64 | 11 | 6 | 119 | 68 | 10 | 21 |
| Total..... | 1,676 | 48 | 5 | 13 | 1,399 | 57 | 10 | 23 | 1,322 | 60 | 6 | 15 | 1,094 | 65 | 10 | 18 |

COLORED MALES.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|----|-------|----|----|----|-----|----|----|----|-----|----|----|----|
| January..... | 137 | 36 | 10 | 27 | 102 | 49 | 4 | 20 | 100 | 50 | 1 | 16 | 72 | 57 | 9 | 6 |
| February..... | 101 | 38 | 7 | 9 | 80 | 48 | 7 | 8 | 74 | 51 | 2 | 10 | 54 | 59 | 1 | 20 |
| March..... | 174 | 34 | 6 | 6 | 139 | 43 | .. | 19 | 130 | 45 | .. | 1 | 74 | 57 | 3 | 5 |
| April..... | 109 | 33 | 5 | 6 | 84 | 43 | 2 | 19 | 77 | 45 | 9 | 27 | 43 | 57 | 2 | 22 |
| May..... | 105 | 36 | 1 | 29 | 82 | 46 | 1 | 14 | 75 | 49 | 2 | 6 | 53 | 57 | 10 | 2 |
| June..... | 113 | 29 | 4 | 1 | 72 | 45 | 8 | 13 | 69 | 47 | 3 | 16 | 42 | 58 | 6 | 13 |
| July..... | 126 | 27 | 11 | 25 | 77 | 45 | 3 | 14 | 68 | 49 | 8 | 13 | 47 | 59 | 9 | 2 |
| August..... | 131 | 27 | 9 | 27 | 83 | 43 | 6 | 16 | 78 | 45 | 8 | 25 | 48 | 57 | 1 | 11 |
| September..... | 103 | 32 | 7 | 20 | 73 | 45 | 9 | 15 | 68 | 48 | 1 | .. | 46 | 57 | 2 | 15 |
| October..... | 106 | 29 | .. | 20 | 70 | 44 | 1 | 25 | 66 | 46 | .. | 26 | 37 | 57 | 8 | 15 |
| November..... | 125 | 36 | 4 | 28 | 101 | 44 | 11 | 21 | 95 | 47 | 1 | 13 | 54 | 58 | 9 | 3 |
| December..... | 105 | 36 | 10 | 8 | 83 | 46 | 6 | 17 | 78 | 48 | 7 | 18 | 49 | 59 | 2 | 4 |
| Total..... | 1,435 | 33 | 3 | 10 | 1,046 | 45 | 5 | 16 | 978 | 47 | 8 | 15 | 619 | 58 | 1 | 8 |

COLORED FEMALES.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|
| January..... | 115 | 36 | 3 | 2 | 91 | 45 | 5 | 17 | 84 | 48 | 2 | 13 | 53 | 59 | 4 | 18 |
| February..... | 111 | 37 | 1 | 19 | 93 | 44 | 2 | 22 | 84 | 47 | 5 | 29 | 51 | 58 | 8 | 1 |
| March..... | 121 | 29 | 2 | 11 | 82 | 42 | 9 | 14 | 70 | 47 | 5 | 19 | 45 | 56 | 2 | 18 |
| April..... | 100 | 33 | 1 | 8 | 78 | 42 | 1 | 7 | 70 | 45 | 3 | 28 | 38 | 57 | 7 | 10 |
| May..... | 89 | 34 | 7 | 28 | 71 | 43 | 3 | 14 | 64 | 46 | 7 | .. | 36 | 60 | 1 | 20 |
| June..... | 120 | 30 | 1 | 13 | 78 | 45 | 11 | .. | 74 | 47 | 6 | 29 | 44 | 60 | 6 | 4 |
| July..... | 129 | 21 | .. | 29 | 64 | 41 | 9 | 7 | 58 | 44 | 5 | 20 | 38 | 52 | 4 | 26 |
| August..... | 94 | 27 | 1 | 18 | 61 | 41 | 5 | .. | 55 | 44 | 6 | 1 | 31 | 56 | 11 | 11 |
| September..... | 109 | 28 | 7 | 18 | 76 | 40 | 9 | 7 | 65 | 44 | 11 | 15 | 36 | 56 | 6 | 3 |
| October..... | 105 | 37 | .. | 26 | 86 | 45 | 1 | 22 | 78 | 48 | 5 | 5 | 48 | 60 | .. | 22 |
| November..... | 119 | 34 | 8 | 19 | 88 | 46 | 9 | 5 | 79 | 50 | 4 | 28 | 56 | 58 | 8 | 26 |
| December..... | 110 | 36 | 1 | 24 | 92 | 43 | 1 | 16 | 83 | 46 | 4 | .. | 52 | 56 | 4 | 25 |
| Total..... | 1,322 | 31 | 11 | 9 | 960 | 43 | 8 | 14 | 864 | 46 | 11 | 24 | 528 | 57 | 11 | 2 |

TABLE 3.—Average age of decedents in the District of Columbia during the calendar year 1910, by sex, race, and age—Continued.

RECAPITULATION.

| Sex and color. | All ages. | | | 5 years and over. | | | 20 years and over. | | | 40 years and over. | | |
|-----------------|-----------|--------------|-------|-------------------|--------------|-------|--------------------|--------------|-------|--------------------|--------------|-------|
| | Deaths. | Average age. | | Deaths. | Average age. | | Deaths. | Average age. | | Deaths. | Average age. | |
| | | Y. | m. d. | | Y. | m. d. | | Y. | m. d. | | Y. | m. d. |
| White: | | | | | | | | | | | | |
| Males..... | 2,078 | 46 | 2 7 | 1,699 | 56 | 3 21 | 1,616 | 58 | 6 17 | 1,308 | 65 | 1 8 |
| Females..... | 1,676 | 48 | 5 13 | 1,399 | 57 | 10 23 | 1,322 | 60 | 6 15 | 1,094 | 65 | 10 18 |
| Total..... | 3,754 | 47 | 5 1 | 3,098 | 57 | .. 1 | 2,938 | 59 | 5 10 | 2,402 | 65 | 5 16 |
| Colored: | | | | | | | | | | | | |
| Males..... | 1,435 | 33 | 3 10 | 1,046 | 45 | 5 16 | 978 | 47 | 8 15 | 619 | 58 | 1 8 |
| Females..... | 1,322 | 31 | 11 9 | 960 | 43 | 8 14 | 864 | 46 | 11 24 | 528 | 57 | 11 2 |
| Total..... | 2,757 | 32 | 7 19 | 2,006 | 44 | 7 14 | 1,842 | 47 | 4 13 | 1,147 | 58 | .. 7 |
| Whites..... | 3,754 | 47 | 5 1 | 3,098 | 57 | .. 1 | 2,938 | 59 | 5 10 | 2,402 | 65 | 5 16 |
| Colored..... | 2,757 | 32 | 7 19 | 2,006 | 44 | 7 14 | 1,842 | 47 | 4 13 | 1,147 | 58 | .. 7 |
| Grand total.... | 6,511 | 41 | .. 12 | 5,104 | 52 | 10 24 | 4,780 | 54 | 9 15 | 3,549 | 63 | .. 20 |

TABLE 4.—Showing decedents in the District of Columbia under 1 year of age, by race, sex, and age, and by months, during the calendar year 1910.

| Age. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|------------------------|----------|--------------|----------|-----------|--------------|----------|--------|--------------|----------|--------|--------------|----------|--------|--------------|----------|--------|--------------|----------|
| | White. | | Colored. | White. | | Colored. | White. | | Colored. | White. | | Colored. | White. | | Colored. | White. | | Colored. |
| | | | | | | | | | | | | | | | | | | |
| | Male. | Fe- male. | | Male. | Fe- male. | | Male. | Fe- male. | | Male. | Fe- male. | | Male. | Fe- male. | | Male. | Fe- male. | |
| Under 1 day..... | 2 | 2 | 3 | 2 | 3 | 4 | 2 | 5 | 4 | 3 | 4 | 1 | 3 | 4 | 2 | 1 | 3 | 5 |
| 1 day to 1 week..... | 1 | 2 | 2 | 5 | 5 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 4 | 1 | 4 | 4 | 4 |
| 1 week to 1 month..... | 2 | 2 | 2 | 3 | 6 | 1 | 4 | 2 | 3 | 3 | 4 | 1 | 3 | 2 | 6 | 1 | 1 | 2 |
| 1 to 2 months..... | 1 | 1 | 5 | 2 | 2 | 2 | 4 | 2 | 4 | 2 | 4 | 1 | 1 | 2 | 1 | 1 | 2 | 2 |
| 2 to 3 months..... | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 to 4 months..... | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 4 |
| 4 to 5 months..... | 1 | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 3 |
| 5 to 6 months..... | 1 | 4 | 2 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 2 |
| 6 to 7 months..... | 3 | 1 | 1 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 3 | 1 |
| 7 to 8 months..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 1 |
| 8 to 9 months..... | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 |
| 9 to 10 months..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 |
| 10 to 11 months..... | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 |
| 11 to 12 months..... | 1 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| Total..... | 12 | 7 | 18 | 25 | 11 | 18 | 26 | 27 | 17 | 13 | 21 | 12 | 17 | 11 | 12 | 16 | 35 | 31 |
| Total by color.... | 19 | | | 36 | | | 50 | | | 30 | | | 29 | | | 28 | | |
| | | | | 46 | | | 52 | | | 33 | | | 29 | | | 66 | | |

| Age. | July. | | | | August. | | | | September. | | | | October. | | | | November. | | | | December. | | | |
|------------------------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Male. |
| Under 1 day..... | 10 | 2 | 4 | 3 | 8 | 6 | 1 | 1 | 4 | 2 | 4 | 3 | 5 | 4 | 1 | 1 | 4 | 1 | 5 | 3 | 2 | 3 | 2 | 3 |
| 1 day to 1 week..... | 2 | 2 | 5 | 3 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 1 | 7 | 1 | 5 | 2 | 5 | 4 | 4 | 3 |
| 1 week to 1 month..... | 4 | 6 | 3 | 2 | 2 | 3 | 2 | 4 | 1 | 2 | 4 | 4 | 2 | 2 | 1 | 5 | 5 | 3 | 4 | 1 | 2 | 4 | 3 | 3 |
| 1 to 2 months..... | 3 | 1 | 4 | 4 | 2 | 8 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 to 3 months..... | 5 | 3 | 4 | 3 | 1 | 6 | 2 | 4 | 1 | 1 | 3 | 2 | 5 | 3 | 1 | 5 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | 1 |
| 3 to 4 months..... | 3 | 4 | 6 | 4 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| 4 to 5 months..... | 5 | 4 | 3 | 4 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 3 | 1 | 1 |
| 5 to 6 months..... | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 3 | 1 | 1 |
| 6 to 7 months..... | 3 | 2 | 3 | 2 | 3 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 to 8 months..... | 2 | 2 | 1 | 4 | 4 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 8 to 9 months..... | 2 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 9 to 10 months..... | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 10 to 11 months..... | 6 | 2 | 1 | 1 | 5 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 11 to 12 months..... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total..... | 51 | 30 | 35 | 50 | 41 | 38 | 25 | 22 | 21 | 22 | 26 | 19 | 21 | 30 | 16 | 25 | 14 | 21 | 28 | 13 | 11 | 20 | 14 | 14 |
| Total by color..... | 81 | 85 | 67 | 63 | 43 | 48 | 40 | 39 | 49 | 24 | 34 | 34 | 46 | 40 | 39 | 49 | 24 | 34 | 46 | 40 | 39 | 49 | 24 | 34 |

TABLE 4.—Showing decedents in the District of Columbia under 1 year of age, by race, sex, and age, and by months, during the calendar year 1910—Continued.

SUMMARY.

| Age. | White. | | | | Colored. | | | | All. | |
|------------------------|---------|--|----------|--|----------|--|----------|--|---------|---|
| | Males. | | Females. | | Males. | | Females. | | Deaths. | Percentage to all decedents under 1 year. |
| | Deaths. | Percentage to white male decedents under 1 year. | Deaths. | Percentage to white female decedents under 1 year. | Deaths. | Percentage to colored male decedents under 1 year. | Deaths. | Percentage to colored female decedents under 1 year. | | |
| | | | | | | | | | | |
| Under 1 day..... | 47 | 16.79 | 41 | 19.71 | 34 | 10.93 | 32 | 11.81 | 154 | 14.39 |
| 1 day to 1 week..... | 43 | 15.36 | 33 | 15.87 | 43 | 13.83 | 32 | 11.80 | 151 | 14.11 |
| 1 week to 1 month..... | 38 | 13.57 | 22 | 10.58 | 34 | 10.93 | 25 | 9.23 | 119 | 11.12 |
| 1 to 2 months..... | 19 | 6.79 | 9 | 4.33 | 39 | 12.54 | 30 | 11.07 | 97 | 9.07 |
| 2 to 3 months..... | 18 | 6.43 | 11 | 5.29 | 28 | 9.00 | 27 | 9.96 | 85 | 7.94 |
| 3 to 4 months..... | 15 | 5.36 | 15 | 7.21 | 22 | 7.07 | 20 | 7.38 | 75 | 7.01 |
| 4 to 5 months..... | 17 | 6.07 | 19 | 9.13 | 20 | 6.43 | 19 | 7.01 | 73 | 6.82 |
| 5 to 6 months..... | 13 | 4.64 | 10 | 4.81 | 17 | 5.47 | 23 | 8.49 | 58 | 5.42 |
| 6 to 7 months..... | 14 | 5.00 | 9 | 3.37 | 9 | 2.89 | 12 | 4.43 | 40 | 3.74 |
| 7 to 8 months..... | 11 | 3.93 | 5 | 2.40 | 12 | 3.86 | 11 | 4.06 | 39 | 3.64 |
| 8 to 9 months..... | 8 | 2.86 | 7 | 3.36 | 13 | 4.18 | 11 | 4.06 | 35 | 3.27 |
| 9 to 10 months..... | 11 | 3.92 | 7 | 3.37 | 6 | 1.93 | 11 | 4.06 | 33 | 3.27 |
| 10 to 11 months..... | 7 | 2.50 | 5 | 2.40 | 10 | 3.22 | 6 | 2.21 | 28 | 2.62 |
| 11 to 12 months..... | | | | | | | | | | |
| Total..... | 280 | 100.00 | 208 | 100.00 | 311 | 1.0.00 | 271 | 100.00 | 1,070 | 100.00 |
| Total by color..... | 488 | | | | 582 | | | | 1,070 | |

TABLE 5.—Number and age of decedents in the District of Columbia 70 years of age and over during the calendar year 1910.

| Age. | White. | | Colored. | | Total. | Age. | White. | | Colored. | | Total. |
|---------------|--------|----------|----------|----------|--------|----------------|--------|----------|----------|----------|--------|
| | Male. | Fe-male. | Male. | Fe-male. | | | Male. | Fe-male. | Male. | Fe-male. | |
| 70 years..... | 57 | 51 | 30 | 28 | 166 | 89 years..... | 4 | 7 | 1 | ..... | 12 |
| 71 years..... | 35 | 19 | 2 | 4 | 60 | 90 years..... | 7 | 7 | 1 | 1 | 16 |
| 72 years..... | 48 | 33 | 8 | 10 | 99 | 91 years..... | ..... | 3 | 1 | ..... | 4 |
| 73 years..... | 38 | 24 | 6 | 4 | 72 | 92 years..... | 1 | 10 | 1 | 1 | 13 |
| 74 years..... | 31 | 35 | 5 | 4 | 75 | 93 years..... | 3 | 5 | 1 | ..... | 9 |
| 75 years..... | 33 | 44 | 20 | 6 | 103 | 94 years..... | 1 | 2 | 1 | ..... | 4 |
| 76 years..... | 38 | 26 | 7 | 3 | 74 | 95 years..... | 1 | 2 | 1 | 2 | 6 |
| 77 years..... | 27 | 19 | 4 | 3 | 53 | 96 years..... | 1 | 1 | 1 | ..... | 3 |
| 78 years..... | 21 | 21 | 4 | 4 | 50 | 97 years..... | 1 | 1 | ..... | 1 | 3 |
| 79 years..... | 18 | 22 | ..... | 2 | 42 | 98 years..... | ..... | ..... | ..... | ..... | ..... |
| 80 years..... | 28 | 29 | 10 | 10 | 77 | 99 years..... | ..... | ..... | 1 | 1 | 2 |
| 81 years..... | 15 | 7 | 3 | 1 | 26 | 100 years..... | ..... | ..... | ..... | 2 | 2 |
| 82 years..... | 14 | 18 | 2 | 1 | 35 | 110 years..... | ..... | ..... | ..... | 1 | 1 |
| 83 years..... | 10 | 20 | 2 | 3 | 35 | 112 years..... | ..... | ..... | ..... | 2 | 2 |
| 84 years..... | 20 | 10 | 3 | 2 | 35 | 120 years..... | ..... | ..... | ..... | 1 | 1 |
| 85 years..... | 13 | 6 | 4 | 4 | 27 | | | | | | |
| 86 years..... | 10 | 14 | 1 | 1 | 26 | | | | | | |
| 87 years..... | 8 | 16 | 1 | 1 | 26 | | | | | | |
| | | | | | | Total..... | 483 | 452 | 121 | 103 | 1,159 |

TABLE 6.—Number of deaths in hospitals and other public institutions in the District of Columbia during the calendar year 1910.

| Place of death. | White. | Colored. | Total. |
|--|--------|----------|--------|
| American Salvation Army..... | 1 | ..... | 1 |
| Aged Women's Home..... | 1 | ..... | 1 |
| Baptist Home..... | 1 | ..... | 1 |
| Bell Home..... | 1 | ..... | 1 |
| Central Union Mission..... | 1 | ..... | 1 |
| Columbia Hospital..... | 20 | 31 | 51 |
| Children's Hospital..... | 71 | 30 | 101 |
| Casualty Hospital..... | 35 | 21 | 56 |
| Epiphany Church Home..... | 1 | ..... | 1 |
| Episcopal Eye, Ear, and Throat Hospital..... | 10 | ..... | 10 |
| Emergency Hospital..... | 81 | 45 | 126 |
| Freemen's Hospital..... | 2 | 252 | 254 |
| Franciscan Monastery..... | 1 | ..... | 1 |
| Foundling Hospital..... | 7 | ..... | 7 |
| Florence Crittenton Mission..... | 6 | ..... | 6 |
| Garfield Memorial Hospital..... | 76 | 46 | 122 |
| Georgetown University Hospital..... | 94 | 30 | 124 |
| George Washington University Hospital..... | 65 | ..... | 65 |
| Government Hospital for the Insane..... | 200 | 79 | 279 |
| House of Good Shepherd..... | 4 | ..... | 4 |
| House of Mercy..... | 2 | ..... | 2 |
| Home for Aged and Infirm (Blue Plains)..... | 16 | 37 | 53 |
| Louise Home..... | 2 | ..... | 2 |
| Little Sisters of the Poor..... | 30 | 20 | 50 |
| Masonic and Eastern Star Home..... | 2 | ..... | 2 |
| National Lutheran Home..... | 3 | ..... | 3 |
| National Homeopathic Hospital..... | 45 | 30 | 75 |
| Providence Hospital..... | 180 | 21 | 201 |
| Ruppert's Home..... | 1 | ..... | 1 |
| St. Catherine Home..... | 1 | ..... | 1 |
| St. Joseph's Orphan Asylum..... | 1 | ..... | 1 |
| St. Ann's Asylum..... | 25 | ..... | 25 |
| Sibley Hospital..... | 56 | 1 | 57 |
| Stoddard Baptist Home..... | ..... | 2 | 2 |
| Tuberculosis Hospital..... | 59 | 121 | 180 |
| United States Naval Medical School..... | 12 | ..... | 12 |
| United States Soldiers' Home..... | 66 | 5 | 71 |
| United States Jail..... | ..... | 2 | 2 |
| Washington Branch Sanatorium..... | 2 | ..... | 1 |
| Women's Christian Association Home..... | 1 | ..... | 1 |
| Walter Reed General Hospital..... | 7 | ..... | 7 |
| Washington Home for Incurables..... | 21 | ..... | 21 |
| Washington Asylum Hospital..... | 82 | 199 | 281 |
| Total..... | 1,292 | 972 | 2,264 |

TABLE 7.—Number of deaths in the District of Columbia during the calendar year 1910, arranged according to the last residence of decedents.

| Districts. | Pulmonary tuberculosis. | | Pneumonia. | | Bronchitis. | | Pulmonary congestion. | | Diphtheria. | | Scarlet fever. | | Typhoid fever. | | Malarial fever. | | Diarrheal diseases (all). | | Other diseases. | | Total by districts. | |
|------------|-------------------------|----------|------------|----------|-------------|----------|-----------------------|----------|-------------|----------|----------------|----------|----------------|----------|-----------------|----------|---------------------------|----------|-----------------|----------|---------------------|-----|
| | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. | All. | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 1. | 5 | 21 | 8 | 15 | 4 | 3 | 1 | 1 | | | | | 1 | 1 | | | 5 | 7 | 116 | 69 | 139 | 255 |
| 2. | 6 | 12 | 9 | 12 | 5 | 2 | 1 | 1 | | | | | 2 | 1 | | | 14 | 9 | 88 | 92 | 107 | 233 |
| 3. | 9 | 23 | 9 | 13 | 2 | 2 | | | | | | | 1 | 1 | | | 1 | 6 | 70 | 59 | 104 | 208 |
| 4. | 2 | 14 | 1 | 4 | | | | | | | | | | | | | 1 | 5 | 16 | 28 | 20 | 51 |
| 5. | 10 | 34 | 10 | 28 | 4 | 6 | 1 | 1 | 3 | | | | 2 | 1 | | | 8 | 17 | 96 | 140 | 127 | 355 |
| 6. | 5 | 15 | 11 | 22 | 4 | 9 | 1 | 3 | | | | | 6 | | | | 5 | 6 | 189 | 45 | 260 | 326 |
| 7. | 7 | 18 | 7 | 10 | 5 | 2 | 3 | 1 | 1 | 1 | | | 4 | 2 | | | 1 | 28 | 167 | 55 | 201 | 326 |
| 8. | 13 | 8 | 10 | 5 | 2 | 3 | 1 | 1 | 1 | 1 | | | 4 | 6 | | | 4 | 54 | 132 | 28 | 167 | 309 |
| 9. | 24 | 17 | 23 | 54 | 3 | 3 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 9 | 195 | 183 | 195 | 201 | 570 |
| 10. | 15 | 65 | 17 | 11 | 18 | 5 | 2 | 1 | 3 | 1 | | | 3 | 1 | | | 5 | 6 | 164 | 144 | 217 | 331 |
| 11. | 21 | 46 | 11 | 14 | 3 | 3 | 1 | 1 | 1 | 1 | | | 1 | 2 | | | 6 | 13 | 47 | 125 | 226 | 377 |
| 12. | 1 | 4 | 4 | 19 | 2 | 4 | 1 | 1 | | | | | 1 | 5 | | | 1 | 15 | 28 | 94 | 30 | 165 |
| 13. | 7 | 22 | 4 | 14 | 3 | 2 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 6 | 15 | 28 | 94 | 59 | 174 |
| 14. | 14 | 10 | 14 | 5 | 6 | 1 | 1 | 1 | 1 | 1 | | | 6 | 4 | | | 1 | 15 | 17 | 57 | 89 | 304 |
| 15. | 4 | 4 | 4 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | | | 4 | 4 | | | 7 | 8 | 147 | 34 | 180 | 355 |
| 16. | 14 | 8 | 7 | 9 | 6 | 3 | 1 | 2 | 3 | 1 | | | 4 | 4 | | | 6 | 40 | 167 | 40 | 103 | 172 |
| 17. | 13 | 6 | 8 | 6 | 5 | 4 | 1 | 2 | 3 | | | | 4 | 4 | | | 7 | 36 | 136 | 36 | 176 | 235 |
| 18. | 6 | 10 | 2 | 3 | 1 | 1 | 1 | 1 | 3 | 1 | | | 1 | 1 | | | 4 | 10 | 77 | 17 | 113 | 148 |
| 19. | 1 | 5 | 7 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 3 | 4 | 25 | 8 | 39 | 59 |
| 20. | 9 | 11 | 8 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 2 | 32 | 32 | 43 | 58 | 101 |
| 21. | 2 | 3 | 1 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 3 | 5 | 12 | 15 | 27 | 27 |
| 22. | 1 | 2 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 3 | 2 | 8 | 13 | 2 | 23 |
| 23. | 1 | 2 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 3 | 2 | 2 | 6 | 4 | 10 |
| 24. | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 1 | 3 | 6 | 4 | 5 | 19 |
| 25. | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | | | 1 | 11 | 14 | 42 | 82 | 273 |
| 26. | 2 | 4 | 2 | 2 | 2 | 2 | 1 | 4 | 3 | | | | 1 | 1 | | | 5 | 2 | 24 | 34 | 40 | 215 |
| 27. | 2 | 13 | 24 | 6 | 7 | 1 | 1 | 4 | 1 | 1 | | | 1 | 1 | | | 2 | 52 | 196 | 56 | 79 | 273 |
| 28. | 4 | 9 | 2 | 2 | | | | | 1 | | | | 1 | 1 | | | 4 | 8 | 42 | 66 | 66 | 108 |
| 29. | 2 | 4 | 1 | 2 | | | | | | | | | 1 | 1 | | | 8 | 10 | 6 | 11 | 11 | 110 |
| 30. | 3 | 3 | 3 | 3 | | | | | | | | | 1 | 1 | | | 10 | 40 | 25 | 40 | 40 | 140 |
| 31. | 3 | 3 | 3 | 3 | | | | | | | | | 1 | 1 | | | 15 | 12 | 25 | 18 | 33 | 30 |
| 32. | 3 | 3 | 3 | 3 | | | | | | | | | 1 | 1 | | | 21 | 3 | 27 | 3 | 5 | 30 |
| 33. | 3 | 3 | 3 | 3 | | | | | | | | | 2 | 2 | | | 22 | 17 | 60 | 27 | 87 | 87 |
| 34. | 3 | 3 | 3 | 3 | | | | | | | | | 2 | 2 | | | 48 | 64 | 8 | 96 | 78 | 104 |
| 35. | 3 | 3 | 3 | 3 | | | | | | | | | 2 | 2 | | | 5 | 35 | 99 | 78 | 177 | 177 |
| 36. | 3 | 3 | 3 | 3 | | | | | | | | | 1 | 1 | | | 7 | 95 | 95 | 25 | 95 | 120 |
| 37. | 5 | 5 | 5 | 5 | | | | | | | | | 2 | 2 | | | 11 | 15 | 70 | 15 | 74 | 83 |
| 38. | 6 | 6 | 6 | 6 | | | | | | | | | 1 | 1 | | | 2 | 17 | 59 | 25 | 9 | 26 |
| 39. | 9 | 9 | 9 | 9 | | | | | | | | | 2 | 2 | | | 1 | 15 | 22 | 3 | 4 | 26 |
| 40. | 7 | 7 | 7 | 7 | | | | | | | | | 1 | 1 | | | 1 | 3 | 15 | 3 | | |

[illegible]

SUBDISTRICTS. (Included in above totals.)

| HOSPITAL DISTRICTS. | | | | | | | | | |
|---------------------|----|----|----|----|----|----|----|-----|-----|
| 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. |
| 1 | 3 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 6 |
| 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 32 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 33 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 34 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 35 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 36 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 37 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 38 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 39 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 40 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 41 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 42 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 43 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 44 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 46 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 47 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 48 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 49 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| 50 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 |
| Total. | 35 | 26 | 49 | 9 | 8 | 5 | 1 | 1 | 151 |

TABLE 7a.—Population, deaths, and death rates per 1,000 during the calendar year 1910, arranged as to race and with reference to the vital statistics divisions of the District of Columbia.

| Districts. | White. | | | Colored. | | | Total. | | |
|------------|------------------|---------|-----------------|------------------|---------|-----------------|------------------|---------|-----------------|
| | Popu- lation. | Deaths. | Death rates. | Popu- lation. | Deaths. | Death rates. | Popu- lation. | Deaths. | Death rates. |
| 1..... | | 139 | | | 116 | | | 255 | |
| 2..... | | 107 | | | 128 | | | 235 | |
| 3..... | | 104 | | | 104 | | | 208 | |
| 4..... | | 20 | | | 51 | | | 71 | |
| 5..... | | 127 | | | 228 | | | 355 | |
| 6..... | | 260 | | | 66 | | | 326 | |
| 7..... | | 167 | | | 42 | | | 209 | |
| 8..... | | 201 | | | 85 | | | 286 | |
| 9..... | | 193 | | | 354 | | | 547 | |
| 10..... | | 214 | | | 117 | | | 331 | |
| 11..... | | 47 | | | 226 | | | 273 | |
| 12..... | | 40 | | | 125 | | | 165 | |
| 13..... | | 59 | | | 30 | | | 89 | |
| 14..... | | 225 | | | 79 | | | 304 | |
| 15..... | | 180 | | | 55 | | | 235 | |
| 16..... | | 103 | | | 69 | | | 172 | |
| 17..... | | 176 | | | 59 | | | 235 | |
| 18..... | | 113 | | | 35 | | | 148 | |
| 19..... | | 39 | | | 20 | | | 59 | |
| 20..... | | 43 | | | 58 | | | 101 | |
| 21..... | | 12 | | | 15 | | | 27 | |
| 22..... | | 2 | | | 21 | | | 23 | |
| 23..... | | 6 | | | 4 | | | 10 | |
| 24..... | | 14 | | | 5 | | | 19 | |
| 25..... | | 40 | | | 42 | | | 82 | |
| 26..... | | 196 | | | 79 | | | 275 | |
| 27..... | | 42 | | | 66 | | | 108 | |
| 28..... | | 6 | | | 5 | | | 11 | |
| 29..... | | 10 | | | | | | 10 | |
| 30..... | | 25 | | | 18 | | | 43 | |
| 31..... | | 27 | | | 3 | | | 30 | |
| 32..... | | 27 | | | 5 | | | 32 | |
| 33..... | | 60 | | | 27 | | | 87 | |
| 34..... | | 8 | | | 96 | | | 104 | |
| 35..... | | 99 | | | 78 | | | 177 | |
| 36..... | | 95 | | | 25 | | | 120 | |
| 37..... | | 74 | | | 9 | | | 83 | |
| 38..... | | 22 | | | 4 | | | 26 | |
| 39..... | | 4 | | | 5 | | | 9 | |
| 40..... | | 27 | | | 3 | | | 30 | |
| 41..... | | 20 | | | 7 | | | 27 | |
| 42..... | | 7 | | | 2 | | | 9 | |
| 43..... | | 20 | | | 1 | | | 21 | |
| 44..... | | 41 | | | 9 | | | 50 | |
| 45..... | | 9 | | | 13 | | | 22 | |
| 46..... | | 21 | | | 11 | | | 32 | |
| 47..... | | 14 | | | 3 | | | 17 | |
| 48..... | | 78 | | | 60 | | | 138 | |
| 49..... | | 22 | | | 32 | | | 54 | |
| 50..... | | 140 | | | 52 | | | 192 | |
| 51..... | | 13 | | | 5 | | | 18 | |
| 52..... | | 10 | | | 2 | | | 12 | |
| 53..... | | 6 | | | 3 | | | 9 | |
| Total..... | | 3,754 | | | 2,757 | | | 6,511 | |

TABLE 7b.—*Distribution of population and deaths, and showing death rates arranged according to race and according to streets and alleys and vital statistics districts, during the calendar year 1910.*

| Districts. | White. | | | | | | Colored. | | | | | |
|------------|-------------|---------|--------------|-------------|---------|--------------|-------------|---------|--------------|-------------|---------|--------------|
| | Streets. | | | Alleys. | | | Streets. | | | Alleys. | | |
| | Population. | Deaths. | Death rates. | Population. | Deaths. | Death rates. | Population. | Deaths. | Death rates. | Population. | Deaths. | Death rates. |
| 1..... | | 138 | | | 1 | | | 98 | | | 18 | |
| 2..... | | 107 | | | | | | 96 | | | 32 | |
| 3..... | | 104 | | | | | | 77 | | | 27 | |
| 4..... | | 20 | | | | | | 43 | | | 8 | |
| 5..... | | 126 | | 1 | | | | 199 | | | 29 | |
| 6..... | | 260 | | | | | | 51 | | | 15 | |
| 7..... | | 167 | | | | | | 34 | | | 8 | |
| 8..... | | 200 | | 1 | | | | 49 | | | 36 | |
| 9..... | | 193 | | | | | | 233 | | 121 | | |
| 10..... | | 213 | | 1 | | | | 79 | | | 38 | |
| 11..... | | 42 | | 5 | | | | 179 | | | 47 | |
| 12..... | | 40 | | | | | | 114 | | | 11 | |
| 13..... | | 59 | | | | | | 28 | | | 2 | |
| 14..... | | 225 | | | | | | 51 | | | 28 | |
| 15..... | | 178 | | 2 | | | | 40 | | | 15 | |
| 16..... | | 103 | | | | | | 56 | | | 13 | |
| 17..... | | 176 | | | | | | 44 | | | 15 | |
| 18..... | | 113 | | | | | | 26 | | | 9 | |
| 19..... | | 39 | | | | | | 19 | | | 1 | |
| 20..... | | 43 | | | | | | 57 | | | 1 | |
| 21..... | | 12 | | | | | | 15 | | | | |
| 22..... | | 2 | | | | | | 21 | | | | |
| 23..... | | 6 | | | | | | 4 | | | | |
| 24..... | | 14 | | | | | | 5 | | | | |
| 25..... | | 40 | | | | | | 42 | | | | |
| 26..... | | 196 | | | | | | 79 | | | | |
| 27..... | | 42 | | | | | | 66 | | | | |
| 28..... | | 6 | | | | | | 5 | | | | |
| 29..... | | 10 | | | | | | | | | | |
| 30..... | | 25 | | | | | | 18 | | | | |
| 31..... | | 27 | | | | | | 3 | | | | |
| 32..... | | 27 | | | | | | 5 | | | | |
| 33..... | | 60 | | | | | | 27 | | | | |
| 34..... | | 8 | | | | | | 85 | | 11 | | |
| 35..... | | 99 | | | | | | 77 | | 1 | | |
| 36..... | | 95 | | | | | | 25 | | | | |
| 37..... | | 74 | | | | | | 9 | | | | |
| 38..... | | 22 | | | | | | 4 | | | | |
| 39..... | | 4 | | | | | | 5 | | | | |
| 40..... | | 27 | | | | | | 3 | | | | |
| 41..... | | 20 | | | | | | 7 | | | | |
| 42..... | | 7 | | | | | | 2 | | | | |
| 43..... | | 20 | | | | | | 1 | | | | |
| 44..... | | 41 | | | | | | 9 | | | | |
| 45..... | | 9 | | | | | | 12 | | | 1 | |
| 46..... | | 21 | | | | | | 11 | | | | |
| 47..... | | 14 | | | | | | 3 | | | | |
| 48..... | | 77 | | | | | | 49 | | 11 | | |
| 49..... | | 18 | | 1 | | | | 28 | | 4 | | |
| 50..... | | 140 | | 4 | | | | 48 | | 4 | | |
| 51..... | | 13 | | | | | | 5 | | | | |
| 52..... | | 10 | | | | | | 2 | | | | |
| 53..... | | 6 | | | | | | 3 | | | | |
| Total.... | | 3,738 | | | 16 | | | 2,251 | | | 506 | |

TABLE 7c.—Distribution of deaths and population by vital statistics districts, arranged by streets and alleys, and according to age and race, for the calendar year 1910.

| Districts. | Streets. | | | | | | | | | | | | | | | | | | Alleys. | | | | | | | | | | | | | | | | | | | | | |
|------------|------------------|---------|------------------|---------|--------------------------|---------|------------------|---------|---------------------------|---------|------------------|---------|--------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|------------------|---------|--------------------------|---------|------------------|---------|---------------------------|---------|------------------|---------|--------------------|---------|----------|-----|-----------------|--|--|--|
| | Under 1 year. | | | | 1 to 4 years, inclusive. | | | | 5 to 20 years, inclusive. | | | | 21 years and over. | | | | Total by color. | | | | Under 1 year. | | | | 1 to 4 years, inclusive. | | | | 5 to 20 years, inclusive. | | | | 21 years and over. | | | | Total by color. | | | |
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | | | | |
| | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | | | | | | |
| | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | Popu- lation. | Deaths. | | | | | | |
| 1. | | 4 | | 12 | | 1 | | 3 | | 5 | | 9 | | 128 | | 74 | | 138 | | 98 | | | 5 | | | | | | | | | | | | | | | | | |
| 2. | | 10 | | 17 | | 1 | | 5 | | 3 | | 6 | | 93 | | 70 | | 107 | | 96 | | | 11 | | | | | | | | | | | | | | | | | |
| 3. | | 33 | | 11 | | 6 | | 3 | | 5 | | 2 | | 60 | | 57 | | 104 | | 77 | | | 3 | | | | | | | | | | | | | | | | | |
| 4. | | 1 | | 8 | | 2 | | 2 | | 2 | | 2 | | 17 | | 31 | | 20 | | 43 | | | 1 | | | | | | | | | | | | | | | | | |
| 5. | | 16 | | 41 | | 7 | | 18 | | 3 | | 12 | | 109 | | 128 | | 126 | | 199 | | | 10 | | | | | | | | | | | | | | | | | |
| 6. | | 17 | | 11 | | 6 | | 2 | | 12 | | 3 | | 225 | | 35 | | 240 | | 51 | | | 4 | | | | | | | | | | | | | | | | | |
| 7. | | 14 | | 3 | | 2 | | 3 | | 3 | | 3 | | 148 | | 28 | | 167 | | 34 | | | 1 | | | | | | | | | | | | | | | | | |
| 8. | | 41 | | 4 | | 15 | | 3 | | 10 | | 3 | | 134 | | 39 | | 200 | | 49 | | | 4 | | | | | | | | | | | | | | | | | |
| 9. | | 30 | | 59 | | 9 | | 13 | | 11 | | 15 | | 143 | | 146 | | 193 | | 233 | | | 30 | | | | | | | | | | | | | | | | | |
| 10. | | 25 | | 14 | | 7 | | 4 | | 8 | | 4 | | 173 | | 60 | | 213 | | 79 | | | 12 | | | | | | | | | | | | | | | | | |
| 11. | | 9 | | 25 | | 2 | | 2 | | 5 | | 14 | | 26 | | 138 | | 42 | | 179 | | | 14 | | | | | | | | | | | | | | | | | |
| 12. | | 11 | | 33 | | 2 | | 6 | | 2 | | 11 | | 25 | | 64 | | 40 | | 114 | | | 3 | | | | | | | | | | | | | | | | | |
| 13. | | 14 | | 5 | | 6 | | 2 | | 2 | | 2 | | 36 | | 19 | | 59 | | 28 | | | 10 | | | | | | | | | | | | | | | | | |
| 14. | | 24 | | 5 | | 10 | | 3 | | 12 | | 2 | | 179 | | 41 | | 225 | | 51 | | | 3 | | | | | | | | | | | | | | | | | |
| 15. | | 22 | | 6 | | 10 | | 2 | | 12 | | 3 | | 134 | | 20 | | 178 | | 40 | | | 2 | | | | | | | | | | | | | | | | | |
| 16. | | 20 | | 16 | | 5 | | 4 | | 4 | | 4 | | 74 | | 33 | | 103 | | 56 | | | 4 | | | | | | | | | | | | | | | | | |
| 17. | | 26 | | 13 | | 14 | | 1 | | 1 | | 1 | | 123 | | 26 | | 176 | | 44 | | | 5 | | | | | | | | | | | | | | | | | |
| 18. | | 17 | | 10 | | 7 | | 1 | | 11 | | 1 | | 78 | | 14 | | 113 | | 26 | | | 5 | | | | | | | | | | | | | | | | | |
| 19. | | 8 | | 5 | | 5 | | 1 | | 5 | | 1 | | 22 | | 12 | | 39 | | 19 | | | | | | | | | | | | | | | | | | | | |
| 20. | | 9 | | 16 | | 4 | | 3 | | 4 | | 2 | | 28 | | 34 | | 43 | | 57 | | | | | | | | | | | | | | | | | | | | |
| 21. | | 1 | | 3 | | 3 | | 1 | | 1 | | 1 | | 9 | | 12 | | 8 | | 15 | | | | | | | | | | | | | | | | | | | | |
| 22. | | | | 9 | | 2 | | 2 | | 2 | | 2 | | 2 | | 10 | | 2 | | 21 | | | | | | | | | | | | | | | | | | | | |
| 23. | | 1 | | 3 | | 1 | | 1 | | 8 | | 2 | | 8 | | 2 | | 14 | | 5 | | | | | | | | | | | | | | | | | | | | |
| 24. | | 4 | | 3 | | 5 | | 2 | | 4 | | 1 | | 19 | | 29 | | 40 | | 42 | | | | | | | | | | | | | | | | | | | | |
| 25. | | 12 | | 10 | | 5 | | 2 | | 2 | | 1 | | 194 | | 78 | | 196 | | 79 | | | | | | | | | | | | | | | | | | | | |
| 26. | | | | 8 | | 1 | | 2 | | 3 | | 3 | | 27 | | 53 | | 42 | | 66 | | | | | | | | | | | | | | | | | | | | |
| 27. | | 11 | | 1 | | 1 | | 1 | | 1 | | 1 | | 6 | | 7 | | 10 | | 5 | | | | | | | | | | | | | | | | | | | | |
| 28. | | | | 5 | | 3 | | 3 | | 3 | | 1 | | 19 | | 11 | | 25 | | 18 | | | | | | | | | | | | | | | | | | | | |
| 29. | | 1 | | 1 | | 2 | | 1 | | 2 | | 2 | | 3 | | 3 | | 27 | | 3 | | | | | | | | | | | | | | | | | | | | |
| 30. | | 5 | | 1 | | 3 | | 4 | | 2 | | 2 | | 20 | | 3 | | 27 | | 5 | | | | | | | | | | | | | | | | | | | | |
| 31. | | 4 | | 3 | | 4 | | 1 | | 1 | | 1 | | 53 | | 18 | | 60 | | 27 | | | | | | | | | | | | | | | | | | | | |
| 32. | | 2 | | 17 | | 7 | | 6 | | 11 | | 7 | | 6 | | 50 | | 8 | | 85 | | | | | | | | | | | | | | | | | | | | |
| 33. | | 2 | | 2 | | 3 | | 11 | | 7 | | 4 | | 76 | | 33 | | 96 | | 77 | | | | | | | | | | | | | | | | | | | | |
| 34. | | 14 | | 7 | | 26 | | 3 | | 1 | | 1 | | 77 | | 10 | | 99 | | 25 | | | | | | | | | | | | | | | | | | | | |
| 35. | | 15 | | 8 | | 2 | | 3 | | 1 | | 1 | | 73 | | 8 | | 74 | | 9 | | | | | | | | | | | | | | | | | | | | |
| 36. | | | | 3 | | 3 | | 3 | | 1 | | 1 | | 13 | | 1 | | 22 | | 4 | | | | | | | | | | | | | | | | | | | | |
| 37. | | 3 | | 3 | | 3 | | 1 | | 1 | | 1 | | 2 | | 3 | | 4 | | 5 | | | | | | | | | | | | | | | | | | | | |
| 38. | | 1 | | 1 | | 1 | | 1 | | 1 | | 2 | | 19 | | 0 | | 27 | | 3 | | | | | | | | | | | | | | | | | | | | |
| 39. | | 6 | | 2 | | 1 | | 1 | | 1 | | 1 | | 17 | | 6 | | 21 | | 7 | | | | | | | | | | | | | | | | | | | | |
| 40. | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 4 | | 1 | | 7 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 41. | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 16 | | 0 | | 20 | | 1 | | | | | | | | | | | | | | | | | | | | |
| 42. | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 35 | | 4 | | 41 | | 9 | | | | | | | | | | | | | | | | | | | | |
| 43. | | 2 | | 1 | | 2 | | 1 | | 2 | | 1 | | 14 | | 6 | | 21 | | 11 | | | | | | | | | | | | | | | | | | | | |
| 44. | | 3 | | 4 | | 1 | | 1 | | 1 | | 1 | | 11 | | 1 | | 14 | | 3 | | | | | | | | | | | | | | | | | | | | |
| 45. | | | | | | | | | | | | | | 68 | | 5 | | 77 | | 49 | | | | | | | | | | | | | | | | | | | | |
| 46. | | 5 | | 10 | | 3 | | 6 | | 1 | | 5 | | 12 | | 28 | | 19 | | 28 | | | | | | | | | | | | | | | | | | | | |
| 47. | | 1 | | 5 | | 3 | | 2 | | 3 | | 2 | | 106 | | 4 | | 140 | | 48 | | | | | | | | | | | | | | | | | | | | |
| 48. | | 21 | | 10 | | 5 | | 6 | | 8 | | 7 | | 13 | | 5 | | 25 | | 14 | | | | | | | | | | | | | | | | | | | | |
| 49. | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 10 | | 8 | | 1 | | 2 | | | | | | | | | | | | | | | | | | | | |
| 50. | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 6 | | 1 | | 6 | | 3 | | | | | | | | | | | | | | | | | | | | |
| 51. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52. | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | |
| 53. | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total. | | 482 | | 452 | | 168 | | 132 | | 173 | | 159 | | 2,915 | | 1,508 | | 3,738 | | 2,251 | | 6 | | 130 | | | | 37 | | 1 | | 30 | | 9 | | 309 | | | | |

TABLE 7d.—The distribution of population and of deaths in alleys, arranged according to vital statistics districts, and according to race and age, for the calendar year 1910.

| Name of alley. | Under 1 year. | | | | 1 to 4 years, inclusive. | | | | 5 to 20 years, inclusive. | | | | 21 years and over. | | | | Total, by color. | |
|-------------------------|---------------|---------|-------------|---------|--------------------------|---------|-------------|---------|---------------------------|---------|-------------|---------|--------------------|---------|-------------|---------|------------------|-------------|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | Deaths. | Population. |
| | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | | |
| District 1: | | | | | | | | | | | | | | | | | | |
| Ward Place..... | | | | | | | | | | | | | | | | | | |
| Phillips Court..... | | | | | | | | | | | | | | | | | | |
| Pierce Place..... | | | | | | | | | | | | | | | | | | |
| Newport Place..... | | | | | | | | | | | | | | | | | | |
| District 2: | | | | | | | | | | | | | | | | | | |
| Constitution Court..... | | | | | | | | | | | | | | | | | | |
| Douglas Row..... | | | | | | | | | | | | | | | | | | |
| Urbans Court..... | | | | | | | | | | | | | | | | | | |
| Liners Court..... | | | | | | | | | | | | | | | | | | |
| Johnson Court..... | | | | | | | | | | | | | | | | | | |
| Government Court..... | | | | | | | | | | | | | | | | | | |
| Fussells Court..... | | | | | | | | | | | | | | | | | | |
| Alexander's Court..... | | | | | | | | | | | | | | | | | | |
| Stevens Court..... | | | | | | | | | | | | | | | | | | |
| Reeds Court..... | | | | | | | | | | | | | | | | | | |
| Summer Court..... | | | | | | | | | | | | | | | | | | |
| District 3: | | | | | | | | | | | | | | | | | | |
| Greens Court..... | | | | | | | | | | | | | | | | | | |
| Columbia Terrace..... | | | | | | | | | | | | | | | | | | |
| Snows Court..... | | | | | | | | | | | | | | | | | | |
| Hughes Court..... | | | | | | | | | | | | | | | | | | |
| Doves Court..... | | | | | | | | | | | | | | | | | | |
| Johnson Court..... | | | | | | | | | | | | | | | | | | |
| Bells Court..... | | | | | | | | | | | | | | | | | | |
| Quinn Court..... | | | | | | | | | | | | | | | | | | |
| District 4: | | | | | | | | | | | | | | | | | | |
| Fletchers Court..... | | | | | | | | | | | | | | | | | | |
| Wilcox Court..... | | | | | | | | | | | | | | | | | | |
| Greens Court..... | | | | | | | | | | | | | | | | | | |
| Hays Court..... | | | | | | | | | | | | | | | | | | |

[illegible]

[illegible]

TABLE 7d.—The distribution of population and of deaths in alleys, arranged according to vital statistics districts, and according to race and age, for the calendar year 1910—Continued.

| Name of alley. | Under 1 year. | | | 1 to 4 years, inclusive. | | | | 5 to 20 years, inclusive. | | | | 21 years and over. | | | | Total, by color. | |
|----------------------|---------------|---------|----------|--------------------------|---------|-------------|---------|---------------------------|---------|-------------|---------|--------------------|---------|-------------|---------|------------------|----------|
| | White. | | Colored. | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | Colored. |
| | Population. | Deaths. | | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | | |
| District 48: | | | | | | | | | | | | | | | | | |
| Brown Street..... | | | | | | | | | | | | | | | | | |
| Congress Alley..... | | | | | | | | | | | | | | | | | |
| Scott Street..... | | | 3 | | | | | | | | | | | | | | |
| Poplar Street..... | | | | | | | | | | | | | | | | | |
| District 49: | | | | | | | | | | | | | | | | | |
| Armadillo Alley..... | | 1 | | | | | | | | | | | | | | | |
| Cedar Alley..... | | | | | | | | | | | | | | | | | |
| Brickyard Hill..... | | | | | 1 | | | | | | | | | | | | |
| Cherry Hill..... | | | | | | | | | | | | | | | | | |
| District 50: | | | | | | | | | | | | | | | | | |
| Bank Street..... | | | 1 | | | | | | | | | | | | | | |
| Fowlers Hill..... | | | | | | | | | | | | | | | | | |
| Total..... | 6 | 130 | | | 37 | | | 1 | | | 32 | 9 | 307 | | 16 | 506 | |

SUMMARY.

| Statistics districts. | Under 1 year. | | | | 1 to 4 years, inclusive. | | | | 5 to 20 years, inclusive. | | | | 21 years and over. | | | | Total, by color. | | | |
|-----------------------|---------------|---------|-------------|---------|--------------------------|---------|-------------|---------|---------------------------|---------|-------------|---------|--------------------|---------|-------------|---------|------------------|---------|-------------|---------|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. | Population. | Deaths. |
| 1 | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | |
| Total | 6 | | 130 | | | | | 37 | | 1 | | 32 | | 9 | | 307 | | 16 | | 506 |

TABLE 7c.—Showing deaths in alleys in the District of Columbia from certain contagious and other diseases, arranged according to race and vital-statistics districts, for the calendar year 1910.

| Name of alley. | Diphtheria. | | Scarlet fever. | | Typhoid fever. | | Whooping cough. | | Diarrhea (under 2 years). | | Pneumonia. | | Bronchitis. | | Pulmonary congestion. | | Pulmonary tuberculosis. | | Total. | | |
|-------------------------|-------------|----|----------------|----|----------------|----|-----------------|----|---------------------------|----|------------|----|-------------|----|-----------------------|----|-------------------------|----|--------|----|------|
| | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | All. |
| District 1: | | | | | | | | | | | | | | | | | | | | | |
| Phillips Court..... | | | | | | | | | 3 | | 1 | | | | | | 1 | | 5 | | 5 |
| Ward Place..... | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 |
| District 2: | | | | | | | | | | | | | | | | | | | | | |
| Constitution Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Douglas Row..... | | | | | | | | | 2 | | | | | | | | | | 2 | | 2 |
| Lingers Court..... | | | | | | | | | 1 | | 2 | | | | | | 1 | | 4 | | 4 |
| Johnson Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Government Alley..... | | | | | | | | | 1 | | | | 1 | | | | | | 2 | | 2 |
| Fussells Court..... | | | | | | | | | 1 | | | | | | | | | | 1 | | 1 |
| Stevens Court..... | | | | | | | | | 1 | | | | | | | | | | 2 | | 2 |
| Reeds Court..... | | | | | | | | | 1 | | | | | | | | 1 | | 1 | | 1 |
| Summers Court..... | | | | | | | | | | | 1 | | | | | | 1 | | 1 | | 1 |
| District 3: | | | | | | | | | | | | | | | | | | | | | |
| Greens Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Columbia Terrace..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Snows Court..... | | | | | | | | | | | 1 | | 1 | | | | 2 | | 4 | | 4 |
| Doves Court..... | | | | | | | | | 1 | | 1 | | | 1 | | | | | 2 | | 2 |
| Johnson Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Bells Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Queens Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 4: | | | | | | | | | | | | | | | | | | | | | |
| Fletcher Hill..... | | | | | | | | | | | | 1 | | | | | 1 | | 2 | | 2 |
| Wilcox Court..... | | | | | | | | 1 | | | | | | | | | | | 1 | | 1 |
| Greens Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 5: | | | | | | | | | | | | | | | | | | | | | |
| Temperance Ave..... | | | | | | | | | | 1 | | 2 | | | | 1 | | | 4 | | 4 |
| Chester Court..... | | | | | | | | | | | 1 | | | | | | 2 | | 3 | | 3 |
| Quakers Court..... | | | | | | | | | | 1 | | | | | | | | | 1 | | 1 |
| Union Court..... | | | | | | | | | | 1 | | 1 | | | | | 1 | | 3 | | 3 |
| Davidson Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Pierce Place..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Kingman Place..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 6: | | | | | | | | | | | | | | | | | | | | | |
| Blagdens Alley..... | | | | | | | | | | 1 | | | | | | | 2 | | 3 | | 3 |
| Nailors Court..... | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 |
| Shepherds Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 7: | | | | | | | | | | | | | | | | | | | | | |
| Canterbury Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| District 8: | | | | | | | | | | | | | | | | | | | | | |
| Rileys Court..... | | | | | | | | | | | 1 | | | | | | | 1 | | | 1 |
| Union Court..... | | | | | | | | | | 1 | | 1 | | | | | 2 | | 4 | | 4 |
| Fays Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Clarks Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Carlins Court..... | | | | | | | | | | | | | | 1 | | | | | 1 | | 1 |
| Casays Court..... | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| Burks Court..... | | | | | | | | | | | 1 | | | | | | 1 | | 1 | | 1 |
| Springmans Alley..... | | | | | | | | | | 1 | | | | | | | 2 | | 3 | | 3 |
| Ackers Court..... | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 |
| Locust Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Golden Street..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 9: | | | | | | | | | | | | | | | | | | | | | |
| Decatur Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Madison Court..... | | | | | | | | | | | | 1 | | | | | | | 3 | | 3 |
| Kings Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Freeman Alley..... | | | | | | | | | | | | 1 | | | | | 2 | | 3 | | 3 |
| Hanover Street..... | | | | | | | | | | | | 1 | | | | | 1 | | 5 | | 5 |
| Half Street Court..... | | | | | | 2 | | 1 | | | | | | | | | 2 | | 3 | | 3 |
| Nailors Court..... | | | | | | | | | | | | 1 | | | | | 2 | | 3 | | 3 |
| Browns Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Rovers Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Congers Court..... | | | | | | | | | | | 1 | | | | | | 1 | | 2 | | 2 |
| Barrs Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Goat Alley..... | | | | | | | | | | | 1 | | | | | | | | 3 | | 3 |
| Kirby Court..... | | | | | | | | | | | | | 2 | | | | 1 | | 2 | | 2 |
| Cooksey Court..... | | | | | | | | | | 1 | | | | | | | | | 1 | | 1 |
| Le Droit Court..... | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 |
| Franklin Street..... | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 |
| Logan Court..... | | | | | | | | | | 1 | | 1 | | | | | | | 4 | | 4 |
| Pierce Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |

TABLE 7c.—Showing deaths in alleys in the District of Columbia from certain contagious and other diseases, arranged according to race and vital-statistics districts, for the calendar year 1910—Continued.

[illegible]

TABLE 7e.—Showing deaths in alleys in the District of Columbia from certain contagious and other diseases, arranged according to race and vital-statistics districts, for the calendar year 1910—Continued.

| Name of alley. | Diphtheria. | | Scarlet fever. | | Typhoid fever. | | Whooping cough. | | Diarrhea (under 2 years). | | Pneumonia. | | Bronchitis. | | Pulmonary con- gestion. | | Pulmonary tuber- culosis. | | Total. | | |
|-----------------------|-------------|----|----------------|----|----------------|----|-----------------|----|---------------------------|----|------------|----|-------------|----|----------------------------|----|------------------------------|----|--------|-----|------|
| | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | All. |
| District 34: | | | | | | | | | | | | | | | | | | | | | |
| Pfeils Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Shad Row..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Summer Court..... | | | | | 1 | | | | | | | | | | | | | | 1 | | 1 |
| Blands Court..... | | | | | | | | | | | 1 | | | | | | 1 | | 2 | | 2 |
| Pomeroy Court..... | | | | | | | | | | | | | 1 | | | | | | 1 | | 1 |
| District 35: | | | | | | | | | | | | | | | | | | | | | |
| Fitzmorris Court..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| District 45: | | | | | | | | | | | | | | | | | | | | | |
| Hills Court..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| District 48: | | | | | | | | | | | | | | | | | | | | | |
| Brown Street..... | | | | | | | | | | | | | | | | | 1 | | 1 | | 1 |
| Poplar Street..... | | | | | | | | | 1 | | 1 | | 1 | | | | | | 3 | | 3 |
| District 49: | | | | | | | | | | | | | | | | | | | | | |
| Cissells Alley..... | | | | | | | | | | | 1 | | | | | | | 1 | | | 1 |
| Brickyard Hill..... | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 |
| Cherry Hill..... | | | | | | | | | | | 2 | | | | | | 1 | | 3 | | 3 |
| District 50: | | | | | | | | | | | | | | | | | | | | | |
| Fowlers Hill..... | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 |
| Total..... | | | | | 3 | | 6 | | 44 | | 4 | 70 | 1 | 12 | | 3 | 3 | 90 | 8 | 228 | 236 |

TABLE 8.—Places of interment or other disposition of remains in the District of Columbia during the calendar year 1910.

| Cemeteries. | Persons dying in the Dis- trict of Columbia. | | | Persons brought into Dis- trict of Columbia. | | |
|-------------------------------------|---|----------|-------|---|----------|------|
| | White. | Colored. | All. | White. | Colored. | All. |
| Anatomical Board..... | 6 | 97 | 103 | | | |
| Adas Israel..... | 14 | | 14 | 2 | | 2 |
| Ahore Shalom..... | 21 | | 21 | | | |
| Arlington National..... | 217 | 47 | 264 | 28 | 2 | 30 |
| Baptist..... | | 49 | 49 | | 3 | 3 |
| Christian..... | | 5 | 5 | | 1 | 1 |
| Congressional..... | 504 | | 504 | 64 | | 64 |
| Franciscan..... | 1 | | 1 | 1 | | 1 |
| Glenwood..... | 451 | 1 | 452 | 59 | | 59 |
| Government Hospital for Insane..... | 51 | 30 | 81 | | | |
| Georgetown University..... | 1 | | 1 | | | |
| Harmony..... | | 662 | 666 | | 52 | 52 |
| Holy Rood..... | 99 | 17 | 116 | 8 | 2 | 10 |
| Lee's Crematorium..... | 34 | 1 | 35 | 13 | | 13 |
| Methodists..... | 20 | | 20 | 1 | | 1 |
| Mount Olivet..... | 657 | 166 | 823 | 66 | 19 | 85 |
| Macedonia..... | | 7 | 7 | | | |
| Mount Zion..... | | 162 | 162 | | 1 | 1 |
| Moore's..... | | 133 | 133 | | 2 | 2 |
| Oak Hill..... | 152 | | 152 | 38 | | 38 |
| Prospect..... | 129 | | 129 | 12 | | 12 |
| Potter's Field..... | 2 | 5 | 7 | | | |
| Paynes..... | 3 | 610 | 613 | | 30 | 30 |
| Public Crematorium..... | 44 | 289 | 333 | 1 | | 1 |
| Rock Creek..... | 321 | | 321 | 83 | | 83 |
| Sent out of District..... | 833 | 310 | 1,143 | 26 | 12 | 38 |
| St. Marys..... | 76 | | 76 | 3 | | 3 |
| Talmud Torah..... | 11 | | 11 | 1 | | 1 |
| United States Soldiers' Home..... | 70 | 5 | 75 | 3 | | 3 |
| Woodlawn..... | 14 | 161 | 175 | | 12 | 12 |
| Washington Hebrew..... | 19 | | 19 | 5 | | 5 |
| Total..... | 3,754 | 2,757 | 6,511 | 414 | 136 | 550 |

TABLE 9.—*Estimated population, deaths, and death rate in the District of Columbia, by race and calendar years, from 1896 to 1910.*

| Year. | Population. | | | Deaths. | | | Death rates. | | |
|------------------------------|-------------|----------|---------|---------|----------|--------|--------------|----------|--------|
| | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | Total. |
| 1896-1900 ¹ | 194,517 | 89,272 | 283,789 | 3,238 | 2,573 | 5,811 | 16.65 | 28.82 | 20.48 |
| 1901-1905 ¹ | 217,606 | 93,719 | 311,325 | 3,395 | 2,647 | 6,042 | 15.60 | 28.20 | 19.41 |
| 1906..... | 231,417 | 95,018 | 326,435 | 3,578 | 2,738 | 6,316 | 15.46 | 28.82 | 19.35 |
| 1907..... | 233,403 | 96,188 | 329,591 | 3,629 | 2,714 | 6,343 | 15.55 | 28.22 | 19.25 |
| 1908..... | 241,920 | 97,483 | 339,403 | 3,547 | 2,589 | 6,136 | 14.66 | 26.56 | 18.08 |
| 1909..... | 245,861 | 97,142 | 343,003 | 3,622 | 2,594 | 6,216 | 14.73 | 26.70 | 18.12 |
| 1910..... | 250,803 | 97,657 | 348,460 | 3,754 | 2,757 | 6,511 | 14.97 | 28.23 | 18.69 |
| 1906-1910 ¹ | 240,681 | 96,697 | 337,378 | 3,626 | 2,678 | 6,304 | 15.08 | 27.71 | 18.69 |

¹ Annual average for 5-year period.TABLE 10.—*Deaths in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1896 to 1910.*

WHITE MALES.

| Year. | Total deaths. | 5 years and over. | | 20 years and over. | | 40 years and over. | |
|------------------------------|---------------|-------------------|---------------------------|--------------------|---------------------------|--------------------|---------------------------|
| | | Deaths. | Percentage to all deaths. | Deaths. | Percentage to all deaths. | Deaths. | Percentage to all deaths. |
| 1896-1900 ¹ | 1,764 | 1,316 | 74.60 | 1,216 | 68.93 | 906 | 51.36 |
| 1901-1905 ¹ | 1,875 | 1,487 | 79.31 | 1,398 | 74.56 | 1,057 | 56.37 |
| 1906..... | 2,066 | 1,610 | 80.26 | 1,517 | 75.62 | 1,176 | 58.62 |
| 1907..... | 2,019 | 1,631 | 80.78 | 1,547 | 76.62 | 1,199 | 59.38 |
| 1908..... | 2,008 | 1,617 | 80.53 | 1,550 | 77.19 | 1,223 | 60.91 |
| 1909..... | 1,993 | 1,606 | 80.58 | 1,509 | 75.71 | 1,180 | 59.21 |
| 1910..... | 2,078 | 1,699 | 81.76 | 1,616 | 77.76 | 1,338 | 64.94 |
| 1906-1910 ¹ | 2,021 | 1,633 | 80.78 | 1,548 | 76.58 | 1,217 | 60.61 |

WHITE FEMALES.

| | | | | | | | |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|
| 1896-1900 ¹ | 1,474 | 1,105 | 74.96 | 1,003 | 68.05 | 736 | 49.93 |
| 1901-1905 ¹ | 1,519 | 1,221 | 80.38 | 1,144 | 75.31 | 867 | 57.08 |
| 1906..... | 1,572 | 1,238 | 78.76 | 1,152 | 73.28 | 852 | 54.19 |
| 1907..... | 1,610 | 1,328 | 82.48 | 1,244 | 77.27 | 995 | 61.80 |
| 1908..... | 1,539 | 1,252 | 81.35 | 1,181 | 76.74 | 957 | 62.18 |
| 1909..... | 1,629 | 1,324 | 81.27 | 1,248 | 76.61 | 1,006 | 61.75 |
| 1910..... | 1,676 | 1,399 | 83.47 | 1,322 | 78.88 | 1,094 | 65.27 |
| 1906-1910 ¹ | 1,605 | 1,308 | 81.47 | 1,229 | 76.56 | 981 | 61.04 |

COLORED MALES.

| | | | | | | | |
|------------------------------|-------|-------|-------|-----|-------|-----|-------|
| 1896-1900 ¹ | 1,262 | 723 | 57.29 | 605 | 47.94 | 369 | 29.24 |
| 1901-1905 ¹ | 1,332 | 851 | 63.89 | 761 | 57.88 | 475 | 35.66 |
| 1906..... | 1,445 | 940 | 65.05 | 833 | 57.65 | 501 | 34.67 |
| 1907..... | 1,378 | 962 | 69.81 | 876 | 63.57 | 522 | 37.88 |
| 1908..... | 1,286 | 855 | 66.59 | 799 | 62.13 | 486 | 37.79 |
| 1909..... | 1,329 | 940 | 70.73 | 858 | 64.56 | 498 | 37.47 |
| 1910..... | 1,435 | 1,046 | 72.89 | 978 | 68.15 | 619 | 43.14 |
| 1906-1910 ¹ | 1,375 | 957 | 69.61 | 869 | 63.21 | 525 | 38.19 |

¹ Annual average for 5-year period.

TABLE 10.—Deaths in the District of Columbia, arranged according to age, sex, and race, with percentages to total corresponding mortality, from 1896 to 1910—Continued.

COLORED FEMALES.

| Year. | Total deaths. | 5 years and over. | | 20 years and over. | | 40 years and over. | |
|------------------------------|---------------|-------------------|-----------------------------------|--------------------|-----------------------------------|--------------------|-----------------------------------|
| | | Deaths. | Percent- age to all deaths. | Deaths. | Percent- age to all deaths. | Deaths. | Percent- age to all deaths. |
| 1896-1900 ¹ | 1,311 | 820 | 62.55 | 663 | 50.57 | 404 | 30.82 |
| 1901-1905 ¹ | 1,315 | 898 | 68.29 | 704 | 53.10 | 471 | 35.82 |
| 1906..... | 1,293 | 922 | 71.30 | 797 | 61.64 | 487 | 37.66 |
| 1907..... | 1,336 | 927 | 69.39 | 806 | 60.33 | 515 | 38.55 |
| 1908..... | 1,333 | 934 | 71.68 | 810 | 62.16 | 475 | 36.45 |
| 1909..... | 1,265 | 936 | 71.62 | 793 | 62.69 | 476 | 37.39 |
| 1910..... | 1,322 | 969 | 72.61 | 864 | 65.35 | 528 | 39.94 |
| 1906-1910 ¹ | 1,336 | 930 | 71.32 | 814 | 62.43 | 496 | 38.00 |

¹ Annual average for 5-year period.

TABLE 11.—Deaths in the District of Columbia and average age of decedents from 1896-1910.

WHITE.

| Year. | All ages. | | 5 years and over. | | 20 years and over. | | 40 years and over. | |
|------------------------------|---------------|---------------------|-------------------|----------------------|--------------------|---------------------|--------------------|---------------------|
| | Total deaths. | Average age. | Total deaths. | Average age. | Total deaths. | Average age. | Total deaths. | Average age. |
| 1896-1900 ¹ | 3,238 | y. m. d. 38 1 20 | 2,421 | y. m. d. 50 11 28 | 2,219 | y. m. d. 54 3 27 | 1,642 | y. m. d. 63 5 18 |
| 1901-1905 ¹ | 3,395 | 42 3 21 | 2,474 | 51 4 16 | 2,278 | 54 4 14 | 1,689 | 63 8 14 |
| 1906..... | 3,578 | 42 2 24 | 2,848 | 52 10 17 | 2,660 | 55 7 18 | 2,028 | 63 4 24 |
| 1907..... | 3,620 | 44 10 14 | 2,959 | 54 10 23 | 2,791 | 57 5 10 | 2,194 | 64 8 24 |
| 1908..... | 3,547 | 44 6 7 | 2,869 | 54 10 18 | 2,731 | 56 11 23 | 2,180 | 63 7 18 |
| 1909..... | 3,622 | 44 4 26 | 2,930 | 54 8 22 | 2,757 | 57 4 27 | 2,186 | 64 5 14 |
| 1910..... | 3,754 | 47 5 1 | 3,098 | 57 0 1 | 2,938 | 59 5 10 | 2,402 | 65 5 16 |
| 1906-1910 ¹ | 3,626 | 44 8 8 | 2,941 | 54 10 16 | 2,777 | 57 4 18 | 2,198 | 64 4 1 |

COLORED.

| | | | | | | | | |
|------------------------------|-------|---------|-------|---------|-------|----------|-------|---------|
| 1896-1900 ¹ | 2,573 | 25 0 6 | 1,543 | 41 2 15 | 1,269 | 47 5 15 | 773 | 59 2 22 |
| 1901-1905 ¹ | 2,647 | 28 4 25 | 1,749 | 42 7 12 | 1,525 | 46 6 20 | 946 | 58 7 10 |
| 1906..... | 2,738 | 29 3 4 | 1,862 | 42 8 27 | 1,630 | 46 10 22 | 988 | 57 8 29 |
| 1907..... | 2,714 | 30 6 14 | 1,889 | 43 6 10 | 1,682 | 47 2 23 | 1,037 | 58 2 28 |
| 1908..... | 2,589 | 30 5 16 | 1,829 | 42 9 19 | 1,609 | 46 10 1 | 961 | 58 6 10 |
| 1909..... | 2,594 | 31 1 3 | 1,846 | 43 5 4 | 1,651 | 46 11 7 | 974 | 59 0 8 |
| 1910..... | 2,757 | 32 7 19 | 2,006 | 44 7 14 | 1,842 | 47 4 13 | 1,147 | 58 0 7 |
| 1906-1910 ¹ | 2,678 | 30 9 17 | 1,886 | 43 5 3 | 1,683 | 47 0 19 | 1,021 | 58 3 22 |

¹ Annual average for 5-year period.

TABLE 12.—Deaths in the District of Columbia, of children under 1 year of age, by sex and color, and by months and years.

| Calendar year. | January. | | | | | | February. | | | | | | March. | | | | | |
|------------------------------|----------|----|-----|----------|----|-----|-----------|----|----|-----------------------|----|----|------------|----|----|----------|----|-----|
| | White. | | | Colored. | | | White. | | | Colored. ¹ | | | White. | | | Colored. | | |
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1896-1901 ¹ | 24 | 19 | 43 | 27 | 23 | 50 | 24 | 17 | 41 | 25 | 23 | 48 | 26 | 16 | 42 | 31 | 25 | 56 |
| 1901-1905 ¹ | 21 | 16 | 37 | 30 | 22 | 52 | 21 | 18 | 39 | 28 | 21 | 49 | 26 | 16 | 42 | 22 | 18 | 40 |
| 1906..... | 21 | 22 | 43 | 23 | 20 | 43 | 19 | 19 | 38 | 32 | 13 | 45 | 25 | 17 | 42 | 33 | 20 | 53 |
| 1907..... | 14 | 17 | 31 | 30 | 22 | 52 | 21 | 13 | 34 | 17 | 23 | 40 | 22 | 16 | 38 | 26 | 21 | 47 |
| 1908..... | 24 | 20 | 44 | 19 | 15 | 34 | 21 | 12 | 33 | 23 | 25 | 48 | 32 | 19 | 51 | 40 | 24 | 64 |
| 1909..... | 22 | 12 | 34 | 13 | 18 | 31 | 21 | 22 | 43 | 17 | 15 | 32 | 24 | 14 | 38 | 23 | 16 | 39 |
| 1910..... | 12 | 7 | 19 | 28 | 18 | 46 | 25 | 11 | 36 | 18 | 15 | 33 | 25 | 27 | 52 | 26 | 24 | 50 |
| 1906-1910 ¹ ... | 19 | 15 | 34 | 22 | 19 | 41 | 21 | 15 | 36 | 21 | 18 | 39 | 25 | 19 | 44 | 30 | 21 | 51 |
| Calendar year. | April. | | | | | | May. | | | | | | June. | | | | | |
| | White. | | | Colored. | | | White. | | | Colored. | | | White. | | | Colored. | | |
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1896-1900 ¹ | 18 | 14 | 32 | 24 | 24 | 48 | 20 | 13 | 33 | 24 | 21 | 45 | 41 | 29 | 70 | 49 | 46 | 115 |
| 1901-1905 ¹ | 17 | 14 | 31 | 23 | 18 | 41 | 18 | 13 | 31 | 16 | 19 | 35 | 30 | 19 | 49 | 44 | 30 | 74 |
| 1906..... | 25 | 17 | 42 | 33 | 15 | 48 | 17 | 16 | 33 | 20 | 17 | 37 | 27 | 27 | 54 | 57 | 40 | 97 |
| 1907..... | 20 | 15 | 35 | 13 | 22 | 35 | 12 | 10 | 22 | 20 | 10 | 30 | 17 | 20 | 37 | 25 | 25 | 50 |
| 1908..... | 17 | 12 | 29 | 21 | 20 | 41 | 18 | 15 | 33 | 19 | 17 | 36 | 36 | 21 | 57 | 34 | 30 | 64 |
| 1909..... | 19 | 19 | 38 | 8 | 26 | 34 | 16 | 14 | 30 | 17 | 21 | 38 | 26 | 23 | 49 | 45 | 32 | 77 |
| 1910..... | 17 | 13 | 30 | 21 | 12 | 33 | 18 | 11 | 29 | 17 | 12 | 29 | 12 | 16 | 28 | 35 | 31 | 66 |
| 1906-1910 ¹ ... | 20 | 15 | 35 | 19 | 19 | 38 | 16 | 13 | 29 | 19 | 15 | 34 | 24 | 21 | 45 | 39 | 32 | 71 |
| Calendar year. | July. | | | | | | August. | | | | | | September. | | | | | |
| | White. | | | Colored. | | | White. | | | Colored. | | | White. | | | Colored. | | |
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1896-1900 ¹ | 54 | 46 | 100 | 60 | 58 | 118 | 35 | 28 | 63 | 44 | 31 | 75 | 24 | 26 | 50 | 36 | 32 | 68 |
| 1901-1905 ¹ | 52 | 40 | 92 | 56 | 55 | 111 | 33 | 22 | 55 | 39 | 35 | 74 | 22 | 19 | 41 | 25 | 23 | 49 |
| 1906..... | 45 | 36 | 81 | 55 | 48 | 103 | 38 | 30 | 68 | 28 | 21 | 49 | 28 | 25 | 53 | 24 | 26 | 50 |
| 1907..... | 49 | 26 | 75 | 56 | 55 | 111 | 41 | 38 | 79 | 44 | 39 | 83 | 40 | 16 | 56 | 25 | 20 | 45 |
| 1908..... | 53 | 41 | 94 | 43 | 41 | 84 | 26 | 25 | 51 | 25 | 32 | 57 | 26 | 16 | 42 | 19 | 10 | 29 |
| 1909..... | 37 | 33 | 70 | 39 | 33 | 72 | 32 | 29 | 61 | 28 | 27 | 55 | 18 | 20 | 38 | 29 | 25 | 54 |
| 1910..... | 51 | 30 | 81 | 35 | 50 | 85 | 41 | 26 | 67 | 38 | 25 | 63 | 22 | 21 | 43 | 22 | 26 | 48 |
| 1906-1910 ¹ ... | 47 | 33 | 80 | 46 | 45 | 91 | 36 | 29 | 65 | 32 | 29 | 61 | 27 | 19 | 46 | 24 | 21 | 45 |
| Calendar year. | October. | | | | | | November. | | | | | | December. | | | | | |
| | White. | | | Colored. | | | White. | | | Colored. | | | White. | | | Colored. | | |
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 1896-1900 ¹ | 25 | 21 | 46 | 26 | 20 | 46 | 20 | 18 | 38 | 22 | 18 | 40 | 21 | 15 | 36 | 27 | 18 | 45 |
| 1901-1905 ¹ | 22 | 17 | 39 | 27 | 20 | 47 | 19 | 14 | 33 | 18 | 15 | 33 | 21 | 12 | 27 | 24 | 22 | 26 |
| 1906..... | 25 | 25 | 50 | 22 | 19 | 41 | 21 | 13 | 34 | 32 | 21 | 53 | 23 | 11 | 34 | 27 | 15 | 42 |
| 1907..... | 23 | 17 | 40 | 27 | 21 | 48 | 18 | 6 | 24 | 9 | 18 | 27 | 31 | 13 | 44 | 21 | 21 | 42 |
| 1908..... | 15 | 13 | 28 | 22 | 19 | 41 | 17 | 19 | 36 | 20 | 17 | 37 | 20 | 13 | 33 | 17 | 17 | 34 |
| 1909..... | 24 | 7 | 31 | 22 | 18 | 40 | 20 | 15 | 35 | 16 | 16 | 32 | 20 | 15 | 35 | 27 | 9 | 36 |
| 1910..... | 19 | 21 | 40 | 30 | 16 | 46 | 25 | 14 | 39 | 21 | 28 | 49 | 13 | 11 | 24 | 20 | 14 | 34 |
| 1906-1910 ¹ ... | 21 | 17 | 38 | 25 | 18 | 43 | 20 | 14 | 34 | 20 | 20 | 40 | 21 | 13 | 34 | 22 | 16 | 38 |

¹ Annual average for 5-year period.

TABLE 12.—Deaths in the District of Columbia of children under 1 year of age, by sex and color, and by months and years—Continued.

SUMMARY.

| Calendar year. | White. | | Colored. | | Grand total. | | |
|------------------------------|--------|-----|----------|-----|--------------|-----|--------|
| | M. | F. | M. | F. | W. | C. | Total. |
| 1896-1900 ¹ | 334 | 260 | 393 | 339 | 594 | 732 | 1,326 |
| 1901-1905 ¹ | 297 | 218 | 353 | 297 | 515 | 650 | 1,165 |
| 1906..... | 314 | 253 | 386 | 275 | 572 | 661 | 1,233 |
| 1907..... | 308 | 207 | 313 | 297 | 515 | 610 | 1,125 |
| 1908..... | 305 | 226 | 302 | 267 | 531 | 569 | 1,100 |
| 1909..... | 279 | 223 | 284 | 256 | 502 | 540 | 1,042 |
| 1910..... | 280 | 203 | 311 | 271 | 488 | 582 | 1,070 |
| 1906-1910 ¹ | 297 | 225 | 319 | 273 | 522 | 592 | 1,114 |

¹ Annual average for 5-year period.

TABLE 13.—Deaths in the District of Columbia, by months and race, under 5 years of age.

| Calendar year. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|------------------------------|----------|----|------|-----------|----|------|--------|----|------|--------|----|------|------|----|------|-------|-----|------|
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 64 | 74 | 138 | 61 | 74 | 135 | 66 | 85 | 151 | 49 | 72 | 121 | 45 | 67 | 112 | 86 | 117 | 203 |
| 1901-1905 ¹ | 53 | 75 | 128 | 56 | 71 | 127 | 57 | 65 | 122 | 41 | 64 | 105 | 40 | 53 | 93 | 60 | 92 | 152 |
| 1906..... | 58 | 67 | 125 | 45 | 71 | 116 | 57 | 83 | 140 | 58 | 72 | 130 | 48 | 51 | 99 | 66 | 115 | 181 |
| 1907..... | 40 | 78 | 118 | 45 | 58 | 103 | 51 | 76 | 127 | 52 | 58 | 110 | 32 | 52 | 84 | 46 | 64 | 110 |
| 1908..... | 51 | 54 | 105 | 52 | 67 | 119 | 59 | 90 | 149 | 41 | 52 | 93 | 48 | 54 | 102 | 68 | 78 | 146 |
| 1909..... | 56 | 48 | 104 | 68 | 53 | 121 | 63 | 73 | 136 | 63 | 52 | 115 | 45 | 52 | 97 | 57 | 99 | 156 |
| 1910..... | 37 | 59 | 96 | 54 | 39 | 93 | 67 | 74 | 141 | 43 | 47 | 90 | 39 | 41 | 80 | 42 | 83 | 125 |
| 1906-1910 ¹ | 49 | 62 | 111 | 48 | 61 | 109 | 59 | 79 | 138 | 51 | 56 | 107 | 42 | 50 | 92 | 56 | 88 | 144 |

| Calendar year. | July. | | | August. | | | September. | | | October. | | | November. | | | December. | | |
|------------------------------|-------|-----|------|---------|-----|------|------------|----|------|----------|----|------|-----------|----|------|-----------|----|------|
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 126 | 147 | 273 | 81 | 104 | 185 | 69 | 92 | 161 | 62 | 72 | 134 | 55 | 62 | 117 | 53 | 64 | 117 |
| 1901-1905 ¹ | 109 | 138 | 247 | 71 | 96 | 167 | 53 | 65 | 118 | 52 | 62 | 114 | 48 | 51 | 99 | 47 | 65 | 112 |
| 1906..... | 106 | 120 | 226 | 81 | 64 | 145 | 61 | 60 | 121 | 60 | 59 | 119 | 44 | 62 | 106 | 46 | 52 | 98 |
| 1907..... | 93 | 123 | 222 | 96 | 96 | 192 | 66 | 59 | 125 | 57 | 58 | 115 | 32 | 35 | 67 | 60 | 62 | 122 |
| 1908..... | 112 | 109 | 221 | 60 | 73 | 133 | 50 | 39 | 89 | 35 | 51 | 86 | 46 | 45 | 91 | 46 | 48 | 94 |
| 1909..... | 88 | 87 | 175 | 74 | 72 | 146 | 54 | 63 | 117 | 37 | 57 | 94 | 39 | 43 | 82 | 48 | 49 | 97 |
| 1910..... | 103 | 114 | 217 | 83 | 81 | 169 | 54 | 63 | 117 | 47 | 55 | 102 | 48 | 55 | 103 | 34 | 40 | 74 |
| 1906-1910 ¹ | 100 | 112 | 212 | 80 | 77 | 157 | 57 | 57 | 114 | 47 | 56 | 103 | 42 | 48 | 90 | 47 | 50 | 97 |

SUMMARY.

| Calendar year. | White. | Colored. | Total. |
|------------------------------|--------|----------|--------|
| 1896-1900 ¹ | 816 | 1,031 | 1,847 |
| 1901-1905 ¹ | 687 | 896 | 1,583 |
| 1906..... | 730 | 876 | 1,606 |
| 1907..... | 670 | 825 | 1,495 |
| 1908..... | 678 | 760 | 1,438 |
| 1909..... | 692 | 748 | 1,440 |
| 1910..... | 656 | 751 | 1,407 |
| 1906-1910 ¹ | 685 | 792 | 1,477 |

¹ Annual average for 5-year period.

TABLE 14.—Percentages of deaths in the District of Columbia under 1 year of age to deaths of all ages, to births, and to deaths of persons under 5 years of age; percentages of deaths of those under 5 years of age to deaths of all ages; also death rates per 100,000 inhabitants of children under 1 and under 5 years of age, for the years mentioned below.

| Calendar year. | Total deaths of those under 1 year of age. | Total deaths of all ages. | Percentage of deaths of those under 1 year to deaths of all ages. | Death rates per 100,000 of those under 1 year. | Total reported births (stillbirths excluded). | Percentage of deaths under 1 year to reported births. | Total deaths of those under 5 years of age. | Percentage of deaths of those under 5 years to deaths of all ages. | Percentage of deaths under 1 to those under 5 years of age. | Death rates per 100,000 of those under 5 years of age. |
|------------------------------|--|---------------------------|---|--|---|---|---|--|---|--|
| 1896-1900 ¹ | 1,326 | 5,811 | 22.82 | 467 | 4,669 | 28.39 | 1,847 | 31.78 | 71.80 | 651 |
| 1901-1905 ¹ | 1,170 | 6,042 | 19.38 | 376 | 5,409 | 22.21 | 1,583 | 26.24 | 73.94 | 508 |
| 1906..... | 1,233 | 6,316 | 19.52 | 378 | 6,529 | 18.88 | 1,606 | 25.43 | 76.77 | 492 |
| 1907..... | 1,125 | 6,343 | 17.74 | 341 | 6,873 | 16.37 | 1,495 | 23.57 | 75.25 | 453 |
| 1908..... | 1,100 | 6,136 | 17.92 | 324 | 7,040 | 15.63 | 1,438 | 23.44 | 76.47 | 424 |
| 1909..... | 1,042 | 6,216 | 16.76 | 304 | 7,026 | 14.83 | 1,440 | 23.17 | 72.36 | 424 |
| 1910..... | 1,070 | 6,511 | 16.43 | 307 | 7,031 | 15.21 | 1,477 | 22.68 | 72.44 | 420 |
| 1906-1910 ¹ | 1,114 | 6,304 | 17.67 | 331 | 6,900 | 16.18 | 1,491 | 23.66 | 74.66 | 443 |

¹ Annual average for 5-year period.

TABLE 15.—Deaths and death rates in the District of Columbia, by race and by months, from 1896 to 1910, inclusive.

| Calendar year. | January. | | | | | February. | | | | | March. | | | | |
|------------------------------|----------|------------------------------------|----------|------------------------------------|------------------------------|-----------|------------------------------------|----------|------------------------------------|------------------------------|---------|------------------------------------|----------|------------------------------------|------------------------------|
| | White. | | Colored. | | rate total population. | White. | | Colored. | | rate total population. | White. | | Colored. | | rate total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | |
| | | | | | | | | | | | | | | | |
| 1896-1900 ¹ | 295 | 152 | 206 | 231 | 176 | 274 | 141 | 207 | 232 | 169 | 291 | 149 | 221 | 247 | 180 |
| 1901-1905 ¹ | 323 | 148 | 251 | 268 | 184 | 307 | 141 | 228 | 243 | 171 | 332 | 152 | 226 | 241 | 179 |
| 1906..... | 325 | 140 | 233 | 245 | 171 | 264 | 114 | 245 | 258 | 156 | 318 | 137 | 242 | 255 | 172 |
| 1907..... | 302 | 138 | 246 | 256 | 166 | 361 | 155 | 244 | 254 | 183 | 334 | 143 | 242 | 251 | 175 |
| 1908..... | 367 | 151 | 238 | 244 | 178 | 324 | 134 | 222 | 228 | 161 | 338 | 140 | 273 | 280 | 180 |
| 1909..... | 325 | 132 | 214 | 220 | 157 | 309 | 126 | 197 | 203 | 148 | 360 | 146 | 234 | 241 | 173 |
| 1910..... | 372 | 148 | 252 | 258 | 179 | 368 | 147 | 212 | 217 | 166 | 363 | 145 | 295 | 302 | 189 |
| 1906-1910 ¹ | 338 | 142 | 237 | 245 | 170 | 325 | 135 | 224 | 232 | 163 | 343 | 142 | 257 | 266 | 178 |

¹ Annual average for 5-year period.

TABLE 15.—Deaths and death rates in the District of Columbia, by race and by months, from 1896 to 1910, inclusive—Continued.

| Calendar year. | April. | | | | | May. | | | | | June. | | | | |
|---|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|---------------------------------|--|
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | | | |
| | | | | | | | | | | | | | | | |
| 1896-1900 ¹ 1901-1905 ¹ | 258 287 | 133 132 | 210 217 | 235 231 | 165 162 | 232 251 | 119 115 | 188 201 | 210 214 | 148 145 | 249 253 | 128 116 | 231 231 | 258 246 | 169 155 |
| 1906..... 1907..... 1908..... 1909..... 1910..... | 302 299 270 360 337 | 130 128 112 146 134 | 231 228 236 224 209 | 243 242 242 231 214 | 163 164 149 170 157 | 299 253 281 295 281 | 129 206 146 216 112 | 194 206 219 225 174 | 204 214 225 222 199 | 151 139 147 189 136 | 284 260 284 291 281 | 123 111 148 118 112 | 241 194 208 241 233 | 254 202 213 248 239 | 161 138 145 155 148 |
| 1906-1910 ¹ | 314 | 130 | 228 | 236 | 161 | 282 | 117 | 206 | 213 | 144 | 280 | 116 | 223 | 231 | 149 |

| Calendar year. | July. | | | | | August. | | | | | September. | | | | |
|---|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|---------------------------------|--|
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | | | |
| | | | | | | | | | | | | | | | |
| 1896-1900 ¹ 1901-1905 ¹ | 347 314 | 178 144 | 248 282 | 278 300 | 210 191 | 267 253 | 137 116 | 231 227 | 258 242 | 175 154 | 237 237 | 122 109 | 214 186 | 240 198 | 159 136 |
| 1906..... 1907..... 1908..... 1909..... 1910..... | 350 296 317 305 341 | 151 127 131 124 136 | 294 284 271 237 255 | 309 295 278 244 261 | 197 176 173 158 171 | 290 279 244 255 265 | 125 119 101 104 106 | 229 233 200 194 225 | 241 242 205 200 230 | 159 155 161 131 141 | 271 273 264 264 247 | 117 117 109 107 98 | 196 187 157 217 212 | 206 194 161 223 217 | 143 139 124 140 132 |
| 1906-1910 ¹ | 322 | 134 | 268 | 277 | 175 | 267 | 111 | 216 | 224 | 143 | 264 | 109 | 194 | 200 | 135 |

| Calendar year. | October. | | | | | November. | | | | | December. | | | | |
|---|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|------------------------------------|--|---------------------------------|------------------------------------|---------------------------------|---------------------------------|--|
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | | | |
| | | | | | | | | | | | | | | | |
| 1896-1900 ¹ 1901-1905 ¹ | 262 270 | 135 124 | 199 198 | 223 211 | 162 150 | 258 271 | 133 125 | 178 185 | 199 197 | 154 145 | 288 297 | 148 136 | 201 217 | 225 231 | 172 165 |
| 1906..... 1907..... 1908..... 1909..... 1910..... | 280 306 275 267 261 | 121 131 113 109 104 | 208 211 197 197 211 | 219 219 202 203 216 | 149 157 139 135 135 | 269 274 294 255 309 | 116 117 122 104 123 | 205 177 183 174 244 | 216 184 183 179 250 | 145 137 139 122 159 | 326 392 289 336 329 | 141 168 119 137 131 | 220 248 190 249 215 | 232 258 195 256 220 | 167 194 171 171 156 |
| 1906-1910 ¹ | 278 | 115 | 205 | 211 | 143 | 280 | 116 | 196 | 202 | 140 | 334 | 139 | 224 | 232 | 166 |

¹ Annual average for 5-year period.

TABLE 16.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below.*

| Year. | 1 Aneurism. | | | | | | | | | 2 Angina pectoris. | | | | | | | | | 3 Apoplexy. | | | | | | | | |
|------------------------------|----------------|----|------|--------------------------|-----|------|---------|----|------|--------------------------|-----|------|---------|-----|------|--------------------------|-------|-------|----------------|-----|------|--------------------------|-------|-------|---------|-----|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 4 | 3 | 7 | 2.0 | 3.4 | 2.5 | 15 | 3 | 18 | 7.7 | 3.4 | 6.3 | 154 | 91 | 245 | 79.2 | 101.9 | 86.3 | 154 | 91 | 245 | 79.2 | 101.9 | 86.3 | 154 | 91 | 245 |
| 1901-1905 ¹ | 4 | 3 | 7 | 1.8 | 3.2 | 2.2 | 18 | 4 | 22 | 8.3 | 4.3 | 7.1 | 177 | 91 | 268 | 81.3 | 97.1 | 86.8 | 177 | 91 | 268 | 81.3 | 97.1 | 86.8 | 177 | 91 | 268 |
| 1906..... | 4 | 4 | 8 | 1.7 | 4.2 | 2.5 | 16 | 1 | 17 | 6.9 | 1.1 | 5.2 | 205 | 112 | 317 | 88.6 | 117.8 | 97.1 | 205 | 112 | 317 | 88.6 | 117.8 | 97.1 | 205 | 112 | 317 |
| 1907..... | 8 | 8 | 16 | 3.4 | 8.3 | 4.6 | 12 | 4 | 16 | 5.1 | 4.2 | 4.9 | 187 | 95 | 282 | 80.1 | 98.8 | 85.6 | 187 | 95 | 282 | 80.1 | 98.8 | 85.6 | 187 | 95 | 282 |
| 1908..... | 5 | 5 | 10 | 2.1 | 5.1 | 2.9 | 20 | 3 | 23 | 8.3 | 3.1 | 6.8 | 199 | 100 | 299 | 82.3 | 102.6 | 88.1 | 199 | 100 | 299 | 82.3 | 102.6 | 88.1 | 199 | 100 | 299 |
| 1909..... | 10 | 7 | 17 | 4.1 | 7.2 | 5.0 | 16 | 5 | 21 | 6.5 | 5.2 | 6.1 | 220 | 118 | 338 | 89.4 | 121.5 | 98.5 | 220 | 118 | 338 | 89.4 | 121.5 | 98.5 | 220 | 118 | 338 |
| 1910..... | 6 | 9 | 15 | 2.4 | 9.2 | 4.3 | 14 | 6 | 20 | 5.6 | 6.1 | 5.7 | 269 | 132 | 401 | 107.2 | 135.2 | 115.0 | 269 | 132 | 401 | 107.2 | 135.2 | 115.0 | 269 | 132 | 401 |
| 1906-1910 ¹ | 6 | 7 | 13 | 2.7 | 6.8 | 3.9 | 15 | 4 | 19 | 6.5 | 3.9 | 5.7 | 216 | 111 | 327 | 89.5 | 115.2 | 96.9 | 216 | 111 | 327 | 89.5 | 115.2 | 96.9 | 216 | 111 | 327 |

| Year. | 4 Arterio-sclerosis. | | | | | | | | | 5 Bright's disease. | | | | | | | | | 6 Cholera morbus. | | | | | | | | |
|------------------------------|-------------------------|----|------|--------------------------|------|------|---------|-----|------|--------------------------|-------|-------|---------|----|------|--------------------------|-----|------|----------------------|----|------|--------------------------|------|------|---------|-----|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 3 | 1 | 4 | 1.5 | 1.1 | 1.5 | 176 | 98 | 274 | 90.5 | 109.8 | 96.9 | 2 | 2 | 4 | 1.0 | 2.2 | 1.5 | 2 | 2 | 4 | 1.0 | 2.2 | 1.5 | 2 | 2 | 4 |
| 1901-1905 ¹ | 29 | 6 | 35 | 13.3 | 6.4 | 11.2 | 233 | 127 | 360 | 107.1 | 135.5 | 115.6 | 2 | 1 | 3 | .9 | 1.0 | 1.0 | 2 | 1 | 3 | .9 | 1.0 | 1.0 | 2 | 1 | 3 |
| 1906..... | 55 | 9 | 64 | 23.8 | 9.5 | 19.6 | 270 | 156 | 426 | 116.7 | 162.4 | 130.5 | 1 | 2 | 3 | .4 | 2.1 | .9 | 55 | 9 | 64 | 23.8 | 9.5 | 19.6 | 270 | 156 | 426 |
| 1907..... | 73 | 11 | 84 | 31.3 | 11.4 | 25.8 | 261 | 149 | 410 | 111.8 | 155.0 | 124.4 | 1 | 1 | 2 | .3 | 1.4 | .3 | 73 | 11 | 84 | 31.3 | 11.4 | 25.8 | 261 | 149 | 410 |
| 1908..... | 64 | 15 | 79 | 26.5 | 15.4 | 23.2 | 281 | 139 | 420 | 116.1 | 142.6 | 123.7 | 1 | 1 | 2 | .3 | 1.4 | .3 | 64 | 15 | 79 | 26.5 | 15.4 | 23.2 | 281 | 139 | 420 |
| 1909..... | 68 | 16 | 84 | 27.7 | 16.5 | 24.5 | 285 | 148 | 433 | 116.0 | 152.4 | 126.1 | 1 | 1 | 2 | .3 | 1.4 | .3 | 68 | 16 | 84 | 27.7 | 16.5 | 24.5 | 285 | 148 | 433 |
| 1910..... | 92 | 15 | 107 | 36.7 | 15.4 | 30.7 | 320 | 204 | 524 | 127.5 | 209.0 | 150.3 | 2 | 1 | 3 | .8 | 1.0 | .9 | 92 | 15 | 107 | 36.7 | 15.4 | 30.7 | 320 | 204 | 524 |
| 1906-1910 ¹ | 71 | 13 | 84 | 29.2 | 13.6 | 24.8 | 283 | 159 | 442 | 117.6 | 164.3 | 131.0 | 1 | 1 | 2 | .4 | .6 | .5 | 71 | 13 | 84 | 29.2 | 13.6 | 24.8 | 283 | 159 | 442 |

| Year. | 7 Cirrhosis of liver. | | | | | | | | | 8 Diabetes. | | | | | | | | | 9 Diarrhea and enteritis (under 2 years). | | | | | | | | |
|------------------------------|--------------------------|----|------|--------------------------|------|------|---------|----|------|--------------------------|-----|------|---------|-----|------|--------------------------|-------|-------|--|----|------|--------------------------|------|------|---------|----|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 18 | 7 | 25 | 9.3 | 7.8 | 8.8 | 14 | 2 | 16 | 7.2 | 2.2 | 5.6 | 126 | 197 | 323 | 57.9 | 210.2 | 103.8 | 18 | 7 | 25 | 9.3 | 7.8 | 8.8 | 14 | 2 | 16 |
| 1901-1905 ¹ | 27 | 7 | 34 | 12.4 | 7.5 | 10.9 | 27 | 4 | 31 | 12.4 | 4.3 | 9.9 | 126 | 197 | 323 | 57.9 | 210.2 | 103.8 | 27 | 7 | 34 | 12.4 | 7.5 | 10.9 | 27 | 4 | 31 |
| 1906..... | 28 | 13 | 41 | 12.1 | 13.7 | 12.6 | 24 | 2 | 26 | 10.4 | 2.1 | 8.0 | 146 | 172 | 318 | 63.1 | 181.0 | 97.4 | 28 | 13 | 41 | 12.1 | 13.7 | 12.6 | 24 | 2 | 26 |
| 1907..... | 26 | 9 | 35 | 11.1 | 9.4 | 10.6 | 48 | 2 | 50 | 20.6 | 2.1 | 15.2 | 127 | 198 | 325 | 54.4 | 205.8 | 98.6 | 26 | 9 | 35 | 11.1 | 9.4 | 10.6 | 48 | 2 | 50 |
| 1908..... | 41 | 9 | 50 | 16.9 | 9.2 | 14.7 | 25 | 4 | 29 | 10.3 | 4.1 | 8.5 | 158 | 175 | 333 | 65.3 | 179.6 | 98.2 | 41 | 9 | 50 | 16.9 | 9.2 | 14.7 | 25 | 4 | 29 |
| 1909..... | 39 | 14 | 53 | 15.9 | 14.4 | 15.5 | 40 | 6 | 46 | 16.3 | 6.1 | 13.4 | 91 | 159 | 250 | 37.0 | 163.7 | 72.7 | 39 | 14 | 53 | 15.9 | 14.4 | 15.5 | 40 | 6 | 46 |
| 1910..... | 30 | 4 | 34 | 12.0 | 4.1 | 9.8 | 48 | 5 | 53 | 19.1 | 5.1 | 15.2 | 120 | 180 | 300 | 47.8 | 184.3 | 86.1 | 30 | 4 | 34 | 12.0 | 4.1 | 9.8 | 48 | 5 | 53 |
| 1906-1910 ¹ | 33 | 10 | 43 | 13.6 | 10.2 | 12.6 | 37 | 4 | 41 | 15.3 | 3.9 | 12.1 | 128 | 177 | 305 | 53.5 | 182.9 | 90.6 | 33 | 10 | 43 | 13.6 | 10.2 | 12.6 | 37 | 4 | 41 |

¹ Annual average for 5-year period.

TABLE 16.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

| Year. | 10 Diarrhea and enteritis (2 years and over). | | | | | | 11 Diarrhea and enteritis (all). | | | | | | 12 Diphtheria and croup. | | | | | |
|------------------------------|---|----|------|-----------------------------|------|------|-------------------------------------|-----|------|-----------------------------|-------|-------|-----------------------------|----|------|-----------------------------|------|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | | | | | | | 215 | 239 | 454 | 110.5 | 207.7 | 160.0 | 93 | 52 | 145 | 47.8 | 58.2 | 51.1 |
| 1901-1905 ¹ | 56 | 26 | 82 | 25.7 | 27.7 | 26.3 | 182 | 223 | 405 | 83.6 | 237.9 | 130.1 | 37 | 17 | 54 | 17.0 | 18.1 | 17.3 |
| 1906..... | 48 | 29 | 77 | 20.7 | 30.5 | 23.6 | 194 | 201 | 395 | 83.8 | 211.5 | 121.0 | 28 | 9 | 37 | 12.1 | 9.5 | 11.2 |
| 1907..... | 59 | 20 | 79 | 25.3 | 20.7 | 23.7 | 186 | 218 | 404 | 79.7 | 226.6 | 122.7 | 23 | 7 | 30 | 9.9 | 7.3 | 9.1 |
| 1908..... | 44 | 21 | 65 | 18.2 | 21.6 | 19.1 | 202 | 196 | 398 | 83.5 | 201.2 | 117.3 | 15 | 7 | 22 | 6.2 | 7.1 | 6.5 |
| 1909..... | 49 | 20 | 69 | 19.9 | 20.6 | 20.1 | 140 | 179 | 319 | 56.9 | 184.3 | 92.8 | 30 | 13 | 43 | 12.2 | 13.4 | 12.5 |
| 1910..... | 49 | 19 | 68 | 19.6 | 19.5 | 19.6 | 169 | 199 | 368 | 67.4 | 203.8 | 105.7 | 26 | 3 | 29 | 10.4 | 3.1 | 8.3 |
| 1906-1910 ¹ ... | 50 | 22 | 72 | 20.7 | 22.6 | 21.2 | 178 | 199 | 377 | 74.2 | 205.5 | 111.9 | 24 | 8 | 32 | 10.1 | 8.1 | 9.5 |

| Year. | 13 Diseases of the heart. | | | | | | 14 Dysentery. | | | | | | 15 Epilepsy. | | | | | |
|------------------------------|------------------------------|-----|------|-----------------------------|-------|-------|------------------|----|------|-----------------------------|------|------|-----------------|----|------|-----------------------------|------|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 250 | 189 | 439 | 128.5 | 211.7 | 154.7 | 18 | 13 | 31 | 9.3 | 14.6 | 10.9 | 16 | 10 | 26 | 8.2 | 11.2 | 9.2 |
| 1901-1905 ¹ | 277 | 216 | 493 | 127.3 | 230.5 | 158.4 | 13 | 10 | 23 | 6.0 | 10.7 | 7.4 | 14 | 10 | 24 | 6.4 | 10.7 | 7.7 |
| 1906..... | 310 | 254 | 564 | 133.9 | 267.3 | 172.9 | 8 | 16 | 24 | 3.5 | 16.8 | 7.4 | 14 | 10 | 24 | 6.1 | 10.5 | 7.4 |
| 1907..... | 343 | 252 | 595 | 146.9 | 262.0 | 180.6 | 9 | 14 | 23 | 3.9 | 14.6 | 7.0 | 10 | 9 | 19 | 4.3 | 9.3 | 5.8 |
| 1908..... | 321 | 207 | 528 | 132.7 | 212.4 | 155.6 | 9 | 5 | 14 | 3.7 | 5.1 | 4.1 | 17 | 11 | 28 | 7.0 | 11.3 | 8.3 |
| 1909..... | 334 | 218 | 552 | 135.9 | 224.4 | 160.9 | 3 | 4 | 7 | 1.2 | 4.1 | 2.0 | 17 | 8 | 25 | 6.9 | 8.2 | 7.3 |
| 1910..... | 354 | 249 | 603 | 141.1 | 255.0 | 173.1 | 6 | 4 | 10 | 2.4 | 4.1 | 2.9 | 8 | 8 | 16 | 3.2 | 8.2 | 4.6 |
| 1906-1910 ¹ ... | 332 | 236 | 568 | 138.1 | 244.2 | 168.6 | 7 | 9 | 16 | 2.9 | 8.9 | 4.7 | 13 | 9 | 22 | 5.5 | 9.5 | 6.7 |

| Year. | 16 Gastritis. | | | | | | 17 Grippe. | | | | | | 18 Hernia. | | | | | |
|------------------------------|------------------|----|------|-----------------------------|------|------|---------------|----|------|-----------------------------|------|------|---------------|----|------|-----------------------------|-----|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 24 | 10 | 34 | 12.3 | 11.2 | 12.0 | 32 | 4 | 36 | 16.5 | 4.5 | 12.7 | 4 | 4 | 8 | 2.0 | 4.5 | 2.8 |
| 1901-1905 ¹ | 44 | 24 | 68 | 20.2 | 25.6 | 21.8 | 51 | 38 | 89 | 23.4 | 40.5 | 28.6 | 6 | 5 | 11 | 2.8 | 5.3 | 3.5 |
| 1906..... | 48 | 27 | 75 | 20.7 | 28.4 | 23.0 | 14 | 27 | 41 | 6.1 | 28.4 | 12.6 | 9 | 5 | 14 | 3.9 | 5.3 | 4.3 |
| 1907..... | 44 | 33 | 77 | 18.8 | 34.3 | 23.4 | 86 | 56 | 142 | 36.8 | 58.2 | 43.1 | 8 | 5 | 13 | 3.4 | 5.2 | 4.0 |
| 1908..... | 33 | 33 | 66 | 13.6 | 33.8 | 19.4 | 91 | 72 | 163 | 37.6 | 73.9 | 48.0 | 8 | 4 | 12 | 3.3 | 4.1 | 3.5 |
| 1909..... | 42 | 28 | 70 | 17.1 | 28.8 | 20.4 | 24 | 24 | 48 | 9.8 | 24.7 | 14.0 | 7 | 8 | 15 | 2.9 | 8.2 | 4.4 |
| 1910..... | 37 | 39 | 76 | 14.7 | 39.9 | 21.8 | 44 | 41 | 85 | 17.5 | 42.0 | 24.4 | 7 | 6 | 13 | 2.8 | 6.1 | 3.7 |
| 1906-1910 ¹ ... | 41 | 32 | 73 | 16.9 | 33.0 | 21.6 | 52 | 44 | 96 | 21.6 | 45.4 | 28.4 | 8 | 5 | 13 | 3.2 | 5.8 | 4.0 |

¹ Annual average for 5-year period.

TABLE 16.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.

| Year. | 19 Insanity. | | | | | | 20 Malarial fevers. | | | | | | 21 Malignant growths. | | | | | |
|------------------------------|-----------------|----|------|-----------------------------|------|------|------------------------|----|------|-----------------------------|------|------|--------------------------|----|------|-----------------------------|------|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 43 | 12 | 55 | 22.1 | 13.4 | 19.4 | 30 | 16 | 46 | 15.4 | 17.9 | 16.2 | 120 | 54 | 174 | 61.7 | 60.5 | 61.3 |
| 1901-1905 ¹ | 27 | 8 | 35 | 12.4 | 8.5 | 11.2 | 12 | 11 | 23 | 5.5 | 11.7 | 7.4 | 166 | 52 | 218 | 76.3 | 55.5 | 70.0 |
| 1906..... | 31 | 9 | 40 | 13.4 | 9.4 | 12.2 | 7 | 12 | 19 | 3.0 | 12.6 | 8.9 | 188 | 65 | 253 | 81.2 | 68.4 | 77.5 |
| 1907..... | 37 | 13 | 50 | 15.9 | 13.5 | 15.1 | 4 | 5 | 9 | 1.7 | 5.2 | 2.7 | 219 | 61 | 280 | 93.9 | 63.4 | 84.0 |
| 1908..... | 22 | 7 | 29 | 9.2 | 7.2 | 8.6 | 4 | 5 | 9 | 1.7 | 5.1 | 2.7 | 206 | 69 | 275 | 85.0 | 70.8 | 81.2 |
| 1909..... | 10 | 6 | 16 | 4.1 | 6.2 | 4.7 | 6 | 3 | 9 | 2.4 | 3.1 | 2.6 | 209 | 69 | 278 | 84.8 | 70.4 | 81.4 |
| 1910..... | 28 | 19 | 47 | 11.1 | 19.5 | 13.5 | 4 | 5 | 9 | 1.6 | 5.1 | 2.6 | 239 | 54 | 293 | 95.3 | 55.3 | 84.1 |
| 1906-1910 ¹ | 25 | 11 | 36 | 10.7 | 11.2 | 10.8 | 5 | 6 | 11 | 2.1 | 6.2 | 3.9 | 212 | 64 | 276 | 88.0 | 65.7 | 81.6 |

| Year. | 22 Measles. | | | | | | 23 Meningitis. | | | | | | 24 Paralysis, paraplegia, hemiplegia. | | | | | |
|------------------------------|----------------|----|------|-----------------------------|-------|------|-------------------|----|------|-----------------------------|------|------|---|----|------|-----------------------------|------|------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1901 ¹ | 16 | 15 | 31 | 8.2 | 16.8 | 10.9 | 67 | 31 | 98 | 34.4 | 34.7 | 34.5 | 31 | 17 | 48 | 15.9 | 19.0 | 17.9 |
| 1901-1905 ¹ | 10 | 5 | 15 | 4.6 | 5.3 | 4.8 | 47 | 23 | 70 | 21.6 | 24.5 | 22.5 | 31 | 23 | 54 | 14.2 | 24.5 | 17.3 |
| 1906..... | 17 | 12 | 29 | 7.3 | 12.6 | 8.9 | 58 | 30 | 88 | 25.1 | 31.6 | 27.0 | 31 | 15 | 46 | 13.4 | 15.8 | 14.1 |
| 1907..... | 3 | 3 | 6 | 1.3 | 3.1 | 1.8 | 62 | 37 | 99 | 26.5 | 38.4 | 30.3 | 24 | 19 | 43 | 10.3 | 19.8 | 13.0 |
| 1908..... | 2 | 2 | 4 | .8 | ..... | .6 | 33 | 19 | 52 | 13.7 | 19.5 | 15.3 | 23 | 19 | 42 | 9.5 | 19.5 | 12.2 |
| 1909..... | 29 | 9 | 38 | 11.8 | 9.3 | 11.1 | 32 | 15 | 47 | 13.0 | 15.5 | 14.2 | 26 | 19 | 45 | 10.6 | 19.6 | 13.1 |
| 1910..... | ..... | 3 | 3 | ..... | 3.1 | .9 | 33 | 9 | 42 | 13.1 | 9.2 | 12.0 | 21 | 12 | 33 | 8.4 | 12.3 | 9.5 |
| 1906-1910 ¹ | 10 | 5 | 15 | 4.2 | 5.6 | 4.7 | 44 | 22 | 66 | 18.3 | 22.8 | 19.8 | 25 | 17 | 42 | 10.4 | 17.4 | 12.4 |

| Year. | 25 Pneumonia. | | | | | | 26 Pulmonary tuberculosis. | | | | | | 27 Rabies. | | | | | |
|------------------------------|------------------|-----|------|-----------------------------|-------|-------|-------------------------------|-----|------|-----------------------------|-------|-------|---------------|-------|-------|-----------------------------|-------|-------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1896-1900 ¹ | 222 | 252 | 474 | 114.1 | 282.2 | 167.0 | 373 | 441 | 814 | 191.8 | 494.0 | 286.8 | 1 | ..... | 1 | ..... | ..... | ..... |
| 1901-1905 ¹ | 219 | 288 | 507 | 100.6 | 307.3 | 162.9 | 350 | 437 | 787 | 160.8 | 466.3 | 252.8 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1906..... | 196 | 307 | 503 | 84.7 | 323.1 | 154.1 | 331 | 450 | 781 | 143.0 | 473.5 | 239.2 | ..... | 1 | 1 | ..... | ..... | ..... |
| 1907..... | 231 | 308 | 539 | 99.0 | 320.2 | 163.5 | 320 | 428 | 748 | 137.1 | 445.0 | 226.9 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1908..... | 230 | 275 | 505 | 95.1 | 282.1 | 148.7 | 301 | 410 | 711 | 124.4 | 420.6 | 209.5 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1909..... | 293 | 305 | 598 | 119.2 | 314.0 | 174.3 | 299 | 447 | 746 | 121.6 | 460.2 | 217.5 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1910..... | 232 | 325 | 607 | 112.4 | 332.9 | 174.1 | 320 | 443 | 763 | 127.5 | 453.7 | 218.9 | ..... | ..... | ..... | ..... | ..... | ..... |
| 1906-1910 ¹ | 246 | 304 | 550 | 102.1 | 314.5 | 162.9 | 314 | 435 | 749 | 130.7 | 450.6 | 222.4 | ..... | ..... | ..... | ..... | ..... | ..... |

¹Annual average for 5-year period.

TABLE 16.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

| Year. | 28 Rheumatism. | | | | | | | | | 29 Scarlet fever. | | | | | | | | | 30 Smallpox. | | | | | | | | |
|------------------------------|-------------------|----|------|-----------------------------|------|------|---------|----|------|-----------------------------|-----|------|---------|-----|------|-----------------------------|-----|------|-----------------|--|--|--|--|--|--|--|--|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| 1896-1900 ¹ | 17 | 6 | 23 | 8.7 | 6.7 | 8.1 | 11 | 2 | 13 | 5.7 | 2.2 | 4.5 | 1 | 1 | 1 | 0.5 | ... | 0.3 | | | | | | | | | |
| 1901-1905 ¹ | 25 | 10 | 35 | 11.5 | 10.6 | 11.2 | 7 | 1 | 8 | 3.2 | 1.0 | 2.6 | 1 | 2 | 3 | .5 | 2.1 | 1.0 | | | | | | | | | |
| 1906..... | 22 | 13 | 35 | 9.6 | 13.6 | 10.7 | 6 | 2 | 8 | 2.6 | 2.1 | 2.5 | 2 | 2 | 4 | .9 | 2.1 | 1.2 | | | | | | | | | |
| 1907..... | 18 | 8 | 26 | 7.7 | 8.3 | 8.0 | 2 | 2 | 2 | .9 | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | |
| 1908..... | 19 | 11 | 30 | 7.9 | 11.3 | 8.8 | 8 | 1 | 9 | 3.3 | 1.0 | 2.6 | ... | ... | ... | ... | ... | ... | | | | | | | | | |
| 1909..... | 18 | 6 | 24 | 7.3 | 6.2 | 6.9 | 21 | 5 | 26 | 8.5 | 5.2 | 7.6 | ... | ... | ... | ... | ... | ... | | | | | | | | | |
| 1910..... | 22 | 16 | 38 | 8.7 | 16.4 | 10.9 | 8 | 3 | 11 | 3.2 | 3.1 | 3.2 | ... | ... | ... | ... | ... | ... | | | | | | | | | |
| 1906-1910 ¹ ... | 20 | 11 | 31 | 8.2 | 11.2 | 9.1 | 9 | 2 | 11 | 3.7 | 2.3 | 3.3 | 0.4 | 0.4 | 0.8 | .2 | .4 | .2 | | | | | | | | | |

| Year. | 31 Softening of the brain. | | | | | | | | | 32 Steam railroad accidents. | | | | | | | | | 33 Street railroad accidents. | | | | | | | | |
|------------------------------|-------------------------------|----|------|-----------------------------|-----|------|---------|----|------|---------------------------------|------|------|---------|----|------|-----------------------------|-----|------|----------------------------------|--|--|--|--|--|--|--|--|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| 1896-1900 ¹ | 10 | 4 | 14 | 5.1 | 4.5 | 4.9 | 14 | 3 | 17 | 7.2 | 3.4 | 6.0 | 5 | 2 | 7 | 2.6 | 2.2 | 2.5 | | | | | | | | | |
| 1901-1905 ¹ | 12 | 6 | 18 | 5.5 | 6.4 | 5.7 | 18 | 6 | 24 | 8.3 | 6.4 | 7.7 | 6 | 2 | 8 | 2.8 | 2.1 | 2.6 | | | | | | | | | |
| 1906..... | 17 | 4 | 21 | 7.3 | 4.2 | 6.4 | 56 | 14 | 70 | 24.2 | 14.7 | 21.4 | 7 | 2 | 9 | 3.0 | 2.1 | 2.8 | | | | | | | | | |
| 1907..... | 14 | 4 | 18 | 6.0 | 4.2 | 5.5 | 10 | 9 | 19 | 4.3 | 9.4 | 5.8 | 11 | 5 | 16 | 4.7 | 5.2 | 4.9 | | | | | | | | | |
| 1908..... | 16 | 8 | 24 | 6.6 | 8.2 | 7.1 | 11 | 6 | 17 | 4.6 | 6.2 | 5.0 | 15 | 5 | 20 | 6.2 | 5.1 | 5.9 | | | | | | | | | |
| 1909..... | 10 | 7 | 17 | 4.1 | 7.2 | 5.0 | 8 | 3 | 11 | 3.5 | 3.1 | 3.2 | 13 | 3 | 16 | 5.3 | 3.1 | 4.7 | | | | | | | | | |
| 1910..... | 20 | 8 | 28 | 8.0 | 8.2 | 8.0 | 8 | 2 | 10 | 3.2 | 2.1 | 2.9 | 8 | 7 | 15 | 3.2 | 7.2 | 4.3 | | | | | | | | | |
| 1906-1910 ¹ ... | 15 | 6 | 21 | 6.4 | 6.4 | 6.4 | 18 | 7 | 25 | 7.9 | 7.1 | 7.7 | 11 | 4 | 15 | 4.5 | 4.5 | 4.5 | | | | | | | | | |

| Year. | 34 Suicides. | | | | | | | | | 35 Typhoid fever. | | | | | | | | | 36 Whooping cough. | | | | | | | | |
|------------------------------|-----------------|----|------|-----------------------------|------|------|---------|----|------|-----------------------------|------|------|---------|----|------|-----------------------------|------|------|-----------------------|--|--|--|--|--|--|--|--|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | | | | | | | | | |
| 1896-1900 ¹ | 33 | 5 | 38 | 16.9 | 5.6 | 13.3 | 96 | 75 | 171 | 49.4 | 84.0 | 60.3 | 21 | 35 | 56 | 10.8 | 39.2 | 19.7 | | | | | | | | | |
| 1901-1905 ¹ | 46 | 5 | 51 | 21.1 | 5.3 | 16.4 | 99 | 64 | 163 | 45.5 | 68.2 | 52.4 | 27 | 50 | 77 | 12.4 | 53.3 | 24.7 | | | | | | | | | |
| 1906..... | 42 | 2 | 44 | 18.1 | 2.1 | 13.5 | 82 | 80 | 162 | 35.4 | 84.2 | 49.6 | 30 | 26 | 56 | 13.0 | 27.4 | 17.2 | | | | | | | | | |
| 1907..... | 59 | 13 | 72 | 25.2 | 13.5 | 22.0 | 77 | 37 | 114 | 33.0 | 38.5 | 34.6 | 15 | 18 | 33 | 6.4 | 18.7 | 10.1 | | | | | | | | | |
| 1908..... | 58 | 8 | 66 | 24.0 | 8.3 | 19.5 | 88 | 36 | 124 | 36.4 | 36.9 | 36.5 | 9 | 29 | 38 | 3.7 | 29.8 | 11.2 | | | | | | | | | |
| 1909..... | 80 | 14 | 94 | 32.4 | 14.4 | 27.4 | 67 | 47 | 114 | 27.3 | 48.4 | 33.2 | 14 | 16 | 30 | 5.7 | 16.5 | 8.7 | | | | | | | | | |
| 1910..... | 72 | 8 | 80 | 28.7 | 8.1 | 22.8 | 49 | 32 | 81 | 19.5 | 32.8 | 23.2 | 9 | 26 | 35 | 3.6 | 26.6 | 10.0 | | | | | | | | | |
| 1906-1910 ¹ ... | 62 | 9 | 71 | 25.7 | 9.3 | 21.0 | 73 | 46 | 119 | 30.3 | 48.2 | 35.4 | 15 | 23 | 38 | 6.5 | 23.8 | 11.4 | | | | | | | | | |

¹ Annual average for 5-year period.

TABLE 17.—Deaths in the District of Columbia from bronchitis, by race and by months.

| Calendar year. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|------------------------------|----------|----|----|-----------|----|----|--------|----|----|--------|----|----|------|----|----|-------|----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 8 | 6 | 14 | 8 | 9 | 17 | 7 | 10 | 17 | 4 | 8 | 12 | 3 | 5 | 8 | 2 | 4 | 6 |
| 1901-1905 ¹ | 8 | 13 | 21 | 7 | 9 | 16 | 6 | 8 | 14 | 4 | 8 | 12 | 4 | 8 | 12 | 1 | 5 | 6 |
| 1906..... | 10 | 8 | 18 | 4 | 1 | 5 | 5 | 8 | 13 | 9 | 7 | 16 | 3 | 6 | 9 | 1 | 6 | 7 |
| 1907..... | 6 | 11 | 17 | 10 | 15 | 25 | 10 | 13 | 23 | 9 | 7 | 16 | 1 | 12 | 13 | 8 | 3 | 11 |
| 1908..... | 6 | 9 | 15 | 9 | 11 | 20 | 9 | 12 | 21 | 3 | 3 | 6 | 2 | 7 | 9 | 2 | 4 | 6 |
| 1909..... | 8 | 3 | 11 | 5 | 3 | 8 | 8 | 7 | 15 | 7 | 6 | 13 | 8 | 1 | 9 | 3 | 5 | 8 |
| 1910..... | 9 | 7 | 16 | 14 | 1 | 15 | 9 | 7 | 16 | 3 | 8 | 11 | 6 | 4 | 10 | 4 | 3 | 7 |
| 1906-1910 ¹ | 8 | 7 | 15 | 8 | 6 | 14 | 8 | 9 | 17 | 6 | 6 | 12 | 4 | 6 | 10 | 4 | 4 | 8 |

| Calendar year. | July. | | | August. | | | September. | | | October. | | | November. | | | December. | | |
|------------------------------|-------|----|----|---------|----|----|------------|----|----|----------|----|----|-----------|----|----|-----------|----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 2 | 3 | 5 | 1 | 3 | 4 | 3 | 2 | 5 | 5 | 3 | 8 | 5 | 5 | 10 | 6 | 8 | 14 |
| 1901-1905 ¹ | 2 | 4 | 6 | 3 | 3 | 6 | 2 | 3 | 5 | 4 | 5 | 9 | 7 | 6 | 13 | 7 | 10 | 17 |
| 1906..... | 1 | 1 | 3 | 4 | 7 | 5 | 6 | 11 | 5 | 5 | 10 | 4 | 8 | 12 | 3 | 6 | 9 | 9 |
| 1907..... | 2 | 4 | 6 | 2 | 2 | 1 | 5 | 6 | 3 | 4 | 7 | 3 | 5 | 8 | 6 | 7 | 13 | 13 |
| 1908..... | 3 | 2 | 5 | 3 | 4 | 7 | 6 | 6 | 4 | 4 | 8 | 3 | 5 | 8 | 7 | 6 | 13 | 13 |
| 1909..... | 1 | 1 | 2 | 6 | 6 | 1 | 2 | 3 | 4 | 8 | 12 | 3 | 7 | 10 | 5 | 9 | 14 | 14 |
| 1910..... | 6 | 4 | 10 | 4 | 4 | 5 | 2 | 7 | 7 | 7 | 14 | 4 | 9 | 13 | 12 | 3 | 15 | 15 |
| 1906-1910 ¹ | 2 | 3 | 5 | 2 | 3 | 5 | 4 | 3 | 7 | 5 | 5 | 10 | 3 | 7 | 10 | 7 | 6 | 13 |

SUMMARY.

| Calendar year. | W. | C. | T. |
|------------------------------|----|----|-----|
| 1896-1900 ¹ | 54 | 67 | 121 |
| 1901-1905 ¹ | 55 | 80 | 135 |
| 1906..... | 52 | 66 | 118 |
| 1907..... | 59 | 88 | 147 |
| 1908..... | 57 | 67 | 124 |
| 1909..... | 53 | 58 | 111 |
| 1910..... | 83 | 55 | 138 |
| 1906-1910 ¹ | 61 | 67 | 128 |

¹ Annual average for 5-year period.

TABLE 18.—Deaths in the District of Columbia from cancers and other malignant tumors, by race and by sex, for the years mentioned below.

| Calendar year. | White. | | Colored. | | Total. | | |
|------------------------------|--------|---------|----------|---------|--------|---------|------|
| | Male. | Female. | Male. | Female. | Male. | Female. | All. |
| 1896-1900 ¹ | 43 | 77 | 19 | 36 | 62 | 113 | 175 |
| 1901-1905 ¹ | 61 | 105 | 14 | 39 | 75 | 144 | 219 |
| 1906..... | 86 | 102 | 19 | 46 | 105 | 148 | 253 |
| 1907..... | 79 | 140 | 15 | 46 | 94 | 186 | 280 |
| 1908..... | 82 | 124 | 18 | 51 | 100 | 175 | 275 |
| 1909..... | 94 | 115 | 17 | 52 | 111 | 167 | 278 |
| 1910..... | 99 | 140 | 17 | 37 | 116 | 177 | 293 |
| 1906-1910 ¹ | 88 | 124 | 17 | 47 | 105 | 171 | 276 |

¹ Annual average for 5-year period.

TABLE 19.—Deaths in the District of Columbia from cancers and other malignant growths, arranged with reference to race, sex, marital relation, age, and organ involved, during the calendar year 1910.

| Location. | White. | | Colored. | | Marital relation. | | Age. | | | | | | | | | | |
|-------------------------------|--------|---------|----------|---------|-------------------|---------------------|----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| | Male. | Female. | Male. | Female. | Single. | Married or widowed. | Under 5 years. | 5 to 9 years. | 10 to 19 years. | 20 to 29 years. | 30 to 39 years. | 40 to 49 years. | 50 to 59 years. | 60 to 69 years. | 70 to 79 years. | 80 to 89 years. | 90 years and over. |
| <i>Head, face, neck, etc.</i> | | | | | | | | | | | | | | | | | |
| Neck..... | 3 | 1 | | | | 4 | | | | | 1 | 1 | 1 | | | 1 | |
| Jaw..... | 1 | | 1 | | | 2 | | | | | | 1 | 1 | | | | |
| Lips..... | | | 1 | | | 1 | | | | | | | 1 | | | | |
| Palate..... | 1 | | | | | 1 | | | | | | | | 1 | | | |
| Tongue..... | 6 | | 1 | | 1 | 6 | | | | | 1 | | 2 | 3 | 1 | | |
| Esophagus..... | 3 | 1 | | | 1 | 3 | | | | | | | 1 | | 1 | 2 | |
| Eye..... | 1 | 1 | | | | 2 | | | | | 1 | | | 1 | | | |
| Head..... | | 2 | | 1 | | 3 | | | | | 1 | | | | 1 | | 1 |
| Larynx..... | 2 | | | | | 2 | | | | | | 1 | | | | | |
| Throat..... | 3 | 1 | | | | 4 | | | | | 1 | | | 1 | 2 | | |
| Face..... | 5 | 3 | 2 | | 1 | 9 | | | | 2 | | 1 | | 3 | 2 | 2 | |
| <i>Digestive system.</i> | | | | | | | | | | | | | | | | | |
| Liver..... | 11 | 14 | | 1 | 3 | 23 | | | | | 2 | 2 | 6 | 7 | 7 | 2 | |
| Stomach..... | 15 | 18 | 7 | 6 | 7 | 39 | | | | | 3 | 5 | 17 | 12 | 7 | 2 | |
| Pancreas..... | 1 | | | | | 1 | | | | | | | | 1 | | | |
| Intestines..... | 22 | 21 | 1 | 8 | 9 | 43 | | | 1 | | 6 | 11 | 12 | 11 | 10 | 1 | |
| <i>Female genital organs.</i> | | | | | | | | | | | | | | | | | |
| Breast..... | | 26 | | 4 | 6 | 24 | | | | | 1 | 8 | 7 | 8 | 4 | 2 | |
| Ovary..... | | 3 | | | | 3 | | | | | | 1 | | 1 | 1 | | |
| Uterus..... | | 36 | | 17 | 5 | 48 | | | | 1 | 7 | 17 | 15 | 7 | 3 | 3 | |
| <i>Unclassified.</i> | | | | | | | | | | | | | | | | | |
| Abdomen..... | 3 | 3 | | | 2 | 4 | | | | 2 | | | | 3 | 1 | | |
| Bladder..... | 11 | 4 | | | 4 | 11 | | | | | | 1 | 1 | 8 | 5 | | |
| Brain..... | | 1 | | | | 1 | | | | 1 | | | | | | | |
| Glands..... | | 1 | | | | 1 | | | | | | 1 | | | | | |
| Kidneys..... | 1 | 1 | | | 1 | 1 | | | | | | 1 | 1 | | | | |
| Lungs..... | 3 | 2 | | | 2 | 3 | | | | | | 1 | 2 | 1 | 1 | | |
| Penis..... | 1 | | | | | 1 | | | | | | | 1 | | | | |
| Perineum..... | 1 | | | | | 1 | | | | | | | 1 | | | | |
| Prostate..... | 3 | | 3 | | | 6 | | | | | | | 1 | 4 | 1 | | |
| Shoulder..... | | | 1 | | 1 | | | | | | | | | | 1 | 1 | |
| Spine..... | 1 | | | | | 1 | | | | | | | | | 1 | | |
| Spleen..... | 1 | 1 | | | | 2 | | | | | | 1 | | 1 | | | |
| Total..... | 99 | 140 | 17 | 37 | 43 | 250 | | | 1 | 6 | 24 | 53 | 70 | 75 | 50 | 13 | 1 |

TABLE 20.—Deaths in the District of Columbia from congestion of the lungs, by race and by months.

| Calendar year. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|------------------------------|----------|----|----|-----------|-----|-----|--------|-----|----|--------|----|----|------|-----|-----|-------|-----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 6 | 6 | 12 | 3 | 4 | 7 | 4 | 4 | 8 | 4 | 2 | 6 | 3 | 3 | 6 | 2 | 1 | 3 |
| 1901-1905 ¹ | 4 | 3 | 7 | 5 | 2 | 7 | 5 | 3 | 8 | 2 | 2 | 4 | 3 | 2 | 5 | 2 | 1 | 3 |
| 1906..... | 1 | 2 | 3 | ... | ... | ... | 1 | 3 | 4 | 1 | 1 | 2 | 3 | 2 | 5 | 2 | 1 | 3 |
| 1907..... | 2 | 3 | 5 | 5 | ... | 5 | 1 | 4 | 5 | 4 | 1 | 5 | 1 | 2 | 3 | 1 | 1 | 2 |
| 1908..... | 2 | 1 | 3 | 3 | 4 | 7 | 4 | 3 | 7 | 1 | 4 | 5 | 1 | ... | 1 | 2 | ... | 2 |
| 1909..... | 4 | 2 | 6 | 3 | ... | 3 | 4 | ... | 4 | 6 | 1 | 7 | 3 | 1 | 4 | ... | 1 | 1 |
| 1910..... | 6 | 1 | 7 | 1 | 2 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | ... | ... | ... | 1 | ... | 1 |
| 1906-1910 ¹ | 3 | 2 | 5 | 2 | 1 | 3 | 3 | 2 | 5 | 3 | 2 | 5 | 2 | 1 | 3 | 1 | 1 | 2 |

| Calendar year. | July. | | | August. | | | September. | | | October. | | | November. | | | December. | | |
|------------------------------|-------|-----|----|---------|-----|-----|------------|-----|----|----------|-----|----|-----------|-----|----|-----------|-----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 1 | ... | 1 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 2 | 4 | 3 | 1 | 4 |
| 1901-1905 ¹ | 1 | 1 | 2 | 2 | 1 | 3 | 1 | 1 | 2 | 4 | 2 | 6 | 3 | 3 | 6 | 3 | 3 | 6 |
| 1906..... | 1 | 3 | 4 | ... | ... | ... | 2 | ... | 2 | 1 | 1 | 2 | 3 | 2 | 5 | 1 | 2 | 3 |
| 1907..... | 1 | ... | 1 | 3 | ... | 3 | 2 | 1 | 3 | 8 | 2 | 10 | 1 | 1 | 2 | 8 | 1 | 9 |
| 1908..... | ... | 3 | 3 | ... | ... | ... | 3 | ... | 3 | 2 | 1 | 3 | 3 | 1 | 4 | 5 | ... | 5 |
| 1909..... | ... | ... | 3 | 1 | 4 | 1 | 1 | 1 | 2 | 3 | 2 | 5 | 1 | ... | 1 | 2 | 1 | 3 |
| 1910..... | 3 | 1 | 4 | 1 | ... | 1 | 3 | ... | 3 | 2 | ... | 2 | 1 | ... | 1 | 2 | ... | 2 |
| 1906-1910 ¹ | 1 | 1 | 2 | 1 | ... | 1 | 2 | ... | 2 | 3 | 1 | 4 | 2 | 1 | 3 | 4 | 1 | 5 |

SUMMARY.

| Calendar year. | White. | Colored. | Total. |
|------------------------------|--------|----------|--------|
| 1896-1900 ¹ | 33 | 26 | 59 |
| 1901-1905 ¹ | 33 | 25 | 58 |
| 1906..... | 16 | 17 | 33 |
| 1907..... | 37 | 16 | 53 |
| 1908..... | 26 | 17 | 43 |
| 1909..... | 30 | 10 | 40 |
| 1910..... | 24 | 6 | 30 |
| 1906-1910 ¹ | 27 | 13 | 40 |

¹ Annual average for 5-year period.

TABLE 21.—Deaths in the District of Columbia from pulmonary tuberculosis, by race and sex, and by months and years.

| Calendar year. | January. | | | | February. | | | | March. | | | | April. | | | |
|------------------------------|----------|----|----------|----|-----------|----|----------|----|--------|----|----------|----|--------|----|----------|----|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1896-1900 ¹ | 18 | 16 | 16 | 17 | 18 | 11 | 19 | 19 | 21 | 11 | 17 | 21 | 20 | 16 | 19 | 21 |
| 1901-1905 ¹ | 16 | 17 | 19 | 24 | 17 | 14 | 19 | 22 | 21 | 14 | 19 | 19 | 20 | 16 | 26 | 16 |
| 1906..... | 18 | 17 | 26 | 14 | 18 | 8 | 28 | 18 | 20 | 14 | 23 | 23 | 15 | 16 | 22 | 17 |
| 1907..... | 15 | 13 | 26 | 14 | 26 | 15 | 14 | 26 | 28 | 15 | 18 | 20 | 11 | 9 | 35 | 18 |
| 1908..... | 10 | 20 | 16 | 22 | 19 | 7 | 10 | 14 | 19 | 12 | 19 | 24 | 12 | 11 | 23 | 20 |
| 1909..... | 14 | 9 | 22 | 20 | 16 | 18 | 19 | 14 | 15 | 10 | 20 | 21 | 30 | 7 | 25 | 17 |
| 1910..... | 9 | 17 | 21 | 19 | 26 | 7 | 15 | 18 | 16 | 7 | 37 | 16 | 22 | 16 | 20 | 24 |
| 1906-1910 ¹ | 13 | 15 | 22 | 18 | 21 | 11 | 17 | 18 | 20 | 12 | 24 | 21 | 18 | 12 | 25 | 19 |

| Calendar year. | May. | | | | June. | | | | July. | | | | August. | | | |
|------------------------------|--------|----|----------|----|--------|----|----------|----|--------|----|----------|----|---------|----|----------|----|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1896-1900 ¹ | 16 | 15 | 18 | 18 | 14 | 13 | 16 | 17 | 18 | 15 | 19 | 18 | 14 | 14 | 20 | 17 |
| 1901-1905 ¹ | 17 | 12 | 18 | 19 | 20 | 11 | 19 | 17 | 13 | 10 | 18 | 17 | 16 | 11 | 18 | 19 |
| 1906..... | 13 | 11 | 14 | 21 | 17 | 6 | 19 | 15 | 16 | 15 | 21 | 15 | 16 | 12 | 11 | 15 |
| 1907..... | 14 | 12 | 20 | 17 | 17 | 12 | 9 | 7 | 7 | 8 | 17 | 16 | 9 | 7 | 17 | 10 |
| 1908..... | 11 | 6 | 22 | 22 | 15 | 9 | 19 | 10 | 12 | 14 | 23 | 15 | 17 | 10 | 13 | 14 |
| 1909..... | 20 | 9 | 18 | 16 | 14 | 8 | 12 | 17 | 9 | 8 | 25 | 15 | 12 | 11 | 20 | 12 |
| 1910..... | 21 | 9 | 15 | 14 | 9 | 14 | 20 | 17 | 10 | 7 | 10 | 11 | 18 | 9 | 21 | 13 |
| 1906-1910 ¹ | 16 | 9 | 18 | 18 | 14 | 10 | 16 | 13 | 11 | 10 | 19 | 15 | 15 | 10 | 17 | 13 |

| Calendar year. | September. | | | | October. | | | | November. | | | | December. | | | |
|------------------------------|------------|----|----------|----|----------|----|----------|----|-----------|----|----------|----|-----------|----|----------|----|
| | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 1896-1900 ¹ | 13 | 13 | 17 | 19 | 20 | 13 | 16 | 21 | 17 | 14 | 17 | 18 | 18 | 16 | 23 | 18 |
| 1901-1905 ¹ | 14 | 11 | 15 | 14 | 15 | 12 | 16 | 16 | 17 | 13 | 15 | 17 | 15 | 12 | 18 | 18 |
| 1906..... | 14 | 11 | 20 | 14 | 13 | 20 | 18 | 18 | 6 | 6 | 24 | 15 | 17 | 12 | 23 | 16 |
| 1907..... | 13 | 8 | 16 | 21 | 11 | 12 | 18 | 14 | 11 | 15 | 27 | 17 | 22 | 10 | 18 | 13 |
| 1908..... | 9 | 12 | 11 | 9 | 17 | 6 | 21 | 17 | 14 | 7 | 15 | 17 | 20 | 12 | 14 | 20 |
| 1909..... | 14 | 11 | 21 | 24 | 14 | 9 | 20 | 16 | 9 | 7 | 17 | 14 | 13 | 12 | 23 | 19 |
| 1910..... | 17 | 14 | 24 | 16 | 16 | 9 | 20 | 17 | 11 | 10 | 19 | 14 | 18 | 8 | 20 | 22 |
| 1906-1910 ¹ | 13 | 11 | 18 | 17 | 14 | 11 | 19 | 16 | 10 | 9 | 20 | 15 | 18 | 11 | 20 | 18 |

¹ Annual average for 5-year period.

TABLE 21.—Deaths in the District of Columbia from pulmonary tuberculosis by race and sex, and by months and years—Continued.

SUMMARY.

| Calendar year. | White. | | Colored. | | All. | | |
|------------------------------|--------|-----|----------|-----|--------|----------|--------|
| | M. | F. | M. | F. | White. | Colored. | Total. |
| 1896-1900 ¹ | 207 | 167 | 217 | 224 | 374 | 441 | 815 |
| 1901-1905 ¹ | 201 | 153 | 219 | 218 | 354 | 437 | 791 |
| 1906..... | 183 | 148 | 249 | 201 | 331 | 450 | 781 |
| 1907..... | 184 | 136 | 235 | 193 | 320 | 428 | 748 |
| 1908..... | 175 | 126 | 206 | 204 | 301 | 410 | 711 |
| 1909..... | 180 | 119 | 242 | 205 | 329 | 447 | 746 |
| 1910..... | 193 | 127 | 242 | 201 | 320 | 443 | 763 |
| 1906-1910 ¹ | 183 | 131 | 235 | 201 | 314 | 436 | 750 |

¹ Annual average for 5-year period.

TABLE 22.—Deaths in the District of Columbia from pneumonia, by race and by months

| Calendar year. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|------------------------------|----------|----|----|-----------|----|----|--------|----|-----|--------|----|----|------|----|----|-------|----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 39 | 38 | 77 | 36 | 41 | 77 | 35 | 34 | 69 | 26 | 29 | 55 | 12 | 17 | 29 | 7 | 12 | 19 |
| 1901-1905 ¹ | 39 | 49 | 88 | 36 | 43 | 79 | 34 | 42 | 76 | 23 | 29 | 52 | 12 | 14 | 26 | 6 | 12 | 18 |
| 1906..... | 38 | 44 | 82 | 24 | 43 | 67 | 23 | 46 | 69 | 28 | 45 | 73 | 20 | 15 | 35 | 2 | 14 | 16 |
| 1907..... | 29 | 41 | 70 | 37 | 46 | 83 | 29 | 49 | 78 | 23 | 38 | 61 | 13 | 27 | 40 | 8 | 19 | 27 |
| 1908..... | 39 | 41 | 80 | 30 | 40 | 70 | 30 | 53 | 83 | 25 | 20 | 45 | 26 | 20 | 46 | 7 | 11 | 18 |
| 1909..... | 35 | 16 | 51 | 32 | 38 | 70 | 47 | 49 | 96 | 42 | 43 | 85 | 24 | 22 | 46 | 12 | 13 | 25 |
| 1910..... | 41 | 49 | 90 | 45 | 39 | 84 | 59 | 61 | 120 | 26 | 25 | 51 | 15 | 21 | 36 | 13 | 22 | 35 |
| 1906-1910 ¹ | 36 | 38 | 74 | 34 | 41 | 75 | 38 | 52 | 90 | 29 | 34 | 63 | 20 | 21 | 41 | 8 | 16 | 24 |

| Calendar year. | July. | | | August. | | | September. | | | October. | | | November. | | | December. | | |
|------------------------------|-------|----|----|---------|----|----|------------|----|----|----------|----|----|-----------|----|----|-----------|----|----|
| | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. | W. | C. | T. |
| 1896-1900 ¹ | 4 | 6 | 10 | 4 | 6 | 10 | 7 | 8 | 15 | 10 | 15 | 25 | 16 | 16 | 32 | 25 | 30 | 55 |
| 1901-1905 ¹ | 4 | 8 | 12 | 4 | 9 | 13 | 6 | 10 | 16 | 10 | 13 | 23 | 16 | 22 | 38 | 27 | 31 | 58 |
| 1906..... | 7 | 8 | 15 | 4 | 8 | 12 | 10 | 12 | 22 | 8 | 20 | 28 | 11 | 24 | 35 | 21 | 28 | 49 |
| 1907..... | 8 | 8 | 16 | 5 | 6 | 11 | 5 | 7 | 12 | 18 | 8 | 26 | 15 | 22 | 37 | 41 | 37 | 78 |
| 1908..... | 3 | 6 | 9 | 3 | 9 | 12 | 8 | 12 | 20 | 14 | 17 | 31 | 24 | 19 | 43 | 21 | 27 | 48 |
| 1909..... | 12 | 10 | 22 | 2 | 12 | 14 | 14 | 19 | 33 | 15 | 14 | 29 | 23 | 25 | 48 | 35 | 44 | 79 |
| 1910..... | 3 | 9 | 12 | 8 | 12 | 20 | 12 | 13 | 25 | 7 | 9 | 16 | 23 | 30 | 53 | 30 | 35 | 65 |
| 1906-1910 ¹ | 6 | 8 | 14 | 4 | 9 | 13 | 10 | 13 | 23 | 12 | 14 | 26 | 19 | 24 | 43 | 30 | 34 | 64 |

¹ Annual average for 5-year period.

TABLE 22.—Deaths in the District of Columbia from pneumonia, by race and by months—Continued.

SUMMARY.

| Calendar year. | White. | Colored. | Total. |
|------------------------------|--------|----------|--------|
| 1896-1900 ¹ | 221 | 252 | 473 |
| 1901-1905 ¹ | 219 | 288 | 507 |
| 1906..... | 196 | 307 | 503 |
| 1907..... | 231 | 308 | 539 |
| 1908..... | 230 | 275 | 505 |
| 1909..... | 293 | 305 | 598 |
| 1910..... | 282 | 325 | 607 |
| 1906-1910 ¹ | 246 | 304 | 550 |

¹ Annual average for 5-year period.

TABLE 23.—Total deaths in the District of Columbia from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths to total population.

| Calendar year. | Esti- mated popula- tion. | Pneumonia. | | Bronchitis. | | Congestion of lungs. | | Pneumonia, bronchitis, and congestion of lungs. | |
|------------------------------|------------------------------------|------------|-------------------------------|-------------|-------------------------------|-------------------------|-------------------------------|--|-------------------------------|
| | | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. |
| 1896-1900 ¹ | 283,789 | 474 | 167.0 | 121 | 42.6 | 59 | 20.8 | 654 | 230.5 |
| 1901-1905 ¹ | 311,325 | 507 | 162.9 | 135 | 43.4 | 58 | 18.6 | 700 | 224.8 |
| 1906..... | 326,435 | 503 | 154.1 | 118 | 36.1 | 33 | 10.1 | 654 | 200.3 |
| 1907..... | 329,591 | 559 | 163.5 | 147 | 44.6 | 53 | 16.1 | 759 | 224.1 |
| 1908..... | 339,403 | 505 | 148.7 | 124 | 36.5 | 43 | 12.6 | 672 | 197.9 |
| 1909..... | 343,003 | 598 | 174.3 | 111 | 32.3 | 40 | 11.7 | 749 | 218.3 |
| 1910..... | 348,460 | 607 | 174.1 | 138 | 39.5 | 30 | 8.6 | 775 | 222.2 |
| 1906-1910 ¹ | 337,378 | 554 | 162.9 | 128 | 37.8 | 40 | 11.8 | 722 | 212.8 |

¹ Annual average for 5-year period.

TABLE 24.—Mean dew point and relative humidity, and the number of deaths from pneumonia, bronchitis, and congestion of the lungs in the District of Columbia in each month during the periods mentioned.

| Calendar year. | January. | | | February. | | | March. | | | April. | | |
|------------------------------|------------|-------------------------|---------|------------|-------------------------|---------|------------|-------------------------|---------|------------|-------------------------|---------|
| | Dew point. | Relative hu- midity. | Deaths. | Dew point. | Relative hu- midity. | Deaths. | Dew point. | Relative hu- midity. | Deaths. | Dew point. | Relative hu- midity. | Deaths. |
| 1896-1900 ¹ | 23.9 | 71.3 | 102 | 22.3 | 72.7 | 102 | 33.0 | 70.1 | 93 | 39.1 | 61.2 | 74 |
| 1901-1905 ¹ | 21.7 | 70.3 | 115 | 18.3 | 63.9 | 102 | 35.7 | 72.9 | 97 | 39.8 | 66.6 | 67 |
| 1906..... | 29.0 | 70.0 | 103 | 23.0 | 69.0 | 72 | 27.0 | 68.0 | 86 | 38.0 | 57.0 | 91 |
| 1907..... | ..... | ..... | 92 | ..... | ..... | 113 | ..... | ..... | 106 | ..... | ..... | 82 |
| 1908..... | ..... | ..... | 98 | ..... | ..... | 97 | ..... | ..... | 111 | ..... | ..... | 56 |
| 1909..... | 27.3 | 74.4 | 68 | 32.0 | 70.8 | 81 | 29.0 | 64.0 | 115 | 38.4 | 61.0 | 105 |
| 1910..... | 24.5 | 73.0 | 113 | 28.0 | 66.0 | 102 | 34.9 | 61.0 | 139 | 42.1 | 63.0 | 60 |
| 1906-1910 ¹ | 26.9 | 72.5 | 95 | 27.7 | 68.6 | 93 | 30.3 | 64.3 | 111 | 39.5 | 60.3 | 80 |

¹ Annual average for 5-year period.

TABLE 24.—*Mean dew point and relative humidity, and the number of deaths from pneumonia, bronchitis, and congestion of the lungs in the District of Columbia in each month during the periods mentioned—Continued.*

| Calendar year. | May. | | | June. | | | July. | | | August. | | |
|------------------------------|------------|--------------------|---------|------------|--------------------|---------|------------|--------------------|---------|------------|--------------------|---------|
| | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. |
| 1896-1900 ¹ | 53.3 | 70.1 | 44 | 61.8 | 72.5 | 28 | 67.0 | 74.2 | 16 | 66.5 | 76.8 | 17 |
| 1901-1905 ¹ | 53.6 | 71.4 | 51 | 61.3 | 74.5 | 28 | 67.2 | 76.4 | 19 | 65.1 | 79.7 | 22 |
| 1906..... | 50.0 | 50.0 | 49 | 64.0 | 79.0 | 26 | 67.0 | 79.0 | 20 | 70.0 | 88.0 | 19 |
| 1907..... | | | 56 | | | 40 | | | 23 | | | 16 |
| 1908..... | | | 56 | | | 26 | 66.0 | 73.0 | 17 | 65.0 | 79.0 | 19 |
| 1909..... | 48.9 | 62.0 | 59 | 62.2 | 76.2 | 34 | 60.4 | 64.0 | 24 | 61.2 | 71.1 | 24 |
| 1910..... | 48.8 | 67.0 | 46 | 59.5 | 73.0 | 43 | 66.8 | 73.7 | 26 | 63.9 | 76.0 | 25 |
| 1906-1910 ¹ | 49.2 | 59.6 | 53 | 61.9 | 76.1 | 34 | 65.1 | 72.4 | 22 | 65.0 | 78.5 | 21 |

| Calendar year. | September. | | | October. | | | November. | | | December. | | |
|------------------------------|------------|--------------------|---------|------------|--------------------|---------|------------|--------------------|---------|------------|--------------------|---------|
| | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. | Dew point. | Relative humidity. | Deaths. |
| 1896-1900 ¹ | 59.3 | 76.9 | 23 | 49.5 | 80.2 | 35 | 37.2 | 74.8 | 46 | 26.1 | 70.8 | 73 |
| 1901-1905 ¹ | 59.3 | 81.1 | 23 | 46.7 | 77.6 | 37 | 33.2 | 70.8 | 57 | 24.5 | 72.5 | 81 |
| 1906..... | 65.0 | 84.0 | 35 | 48.0 | 80.0 | 40 | 36.0 | 73.0 | 52 | 28.0 | 74.0 | 61 |
| 1907..... | | | 21 | | | 43 | | | 47 | | | 100 |
| 1908..... | 58.0 | 83.1 | 29 | | | 42 | 33.9 | 69.2 | 55 | 32.7 | 68.4 | 66 |
| 1909..... | 55.4 | 73.8 | 38 | 39.8 | 70.0 | 46 | 36.7 | 66.0 | 59 | 20.2 | 64.6 | 96 |
| 1910..... | 60.3 | 76.0 | 35 | 48.0 | 76.0 | 32 | 28.3 | 63.0 | 67 | 20.6 | 68.0 | 82 |
| 1906-1910 ¹ | 59.7 | 79.2 | 32 | 45.2 | 75.3 | 41 | 33.7 | 67.8 | 56 | 25.4 | 68.7 | 81 |

¹ Annual average for 5-year period.TABLE 25.—*Deaths in the District of Columbia from typhoid fever, excluding so-called "typho-malarial fever," by months and years.*

| Calendar year. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|------------------------------|------|------|------|------|------|-------|-------|------|-------|------|------|------|
| 1896-1900 ¹ | 11 | 5 | 5 | 6 | 5 | 11 | 14 | 26 | 25 | 23 | 21 | 19 |
| 1901-1905 ¹ | 10 | 4 | 8 | 7 | 6 | 7 | 17 | 30 | 24 | 22 | 15 | 13 |
| 1906..... | 6 | 4 | 5 | 4 | 10 | 9 | 21 | 32 | 20 | 28 | 19 | 4 |
| 1907..... | 7 | 6 | 4 | 6 | 7 | 2 | 10 | 18 | 17 | 19 | 11 | 7 |
| 1908..... | 4 | 1 | 1 | 8 | 8 | 3 | 15 | 13 | 23 | 19 | 16 | 13 |
| 1909..... | 16 | 8 | 3 | 8 | 7 | 7 | 12 | 12 | 15 | 12 | 12 | 2 |
| 1910..... | 3 | 4 | 7 | 5 | 5 | 4 | 6 | 12 | 13 | 8 | 9 | 5 |
| 1906-1910 ¹ | 7 | 5 | 4 | 6 | 7 | 5 | 13 | 17 | 18 | 17 | 14 | 6 |

¹ Annual average for 5-year period.

TABLE 25.—Deaths in the District of Columbia from typhoid fever, excluding so-called "typho-malarial fever," by months and years—Continued.

SUMMARY.

| Calendar year. | Race and sex. | | | | Total. | Death. rate per 100,000 popula- tion. |
|------------------------------|---------------|---------|----------|---------|--------|---|
| | White. | | Colored. | | | |
| | Male. | Female. | Male. | Female. | | |
| 1896-1900 ¹ | 61 | 35 | 37 | 38 | 171 | 60.3 |
| 1901-1905 ¹ | 68 | 31 | 35 | 29 | 163 | 52.3 |
| 1906..... | 54 | 28 | 40 | 40 | 162 | 49.6 |
| 1907..... | 57 | 20 | 21 | 16 | 114 | 34.6 |
| 1908..... | 51 | 37 | 22 | 14 | 124 | 36.5 |
| 1909..... | 50 | 17 | 27 | 20 | 114 | 33.2 |
| 1910..... | 30 | 19 | 16 | 16 | 81 | 23.2 |
| 1906-1910 ¹ | 49 | 24 | 25 | 21 | 119 | 35.4 |

¹ Annual average for 5-year period.

TABLE 26.—Births reported in the District of Columbia, by race and sex, and by months, during the calendar year 1910.

| Month. | Total. | White. | | Colored. | | Twins. | | Illegiti- mate. | | Attended by physi- cians. | | Attended by mid- wives. | |
|----------------------|--------|--------|---------|----------|---------|--------|----------|--------------------|----------|---------------------------------|----------|-------------------------------|----------|
| | | Male. | Female. | Male. | Female. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. |
| January..... | 641 | 210 | 208 | 121 | 102 | 2 | 4 | 8 | 36 | 377 | 155 | 41 | 68 |
| February..... | 585 | 204 | 211 | 95 | 75 | 8 | 4 | 10 | 42 | 373 | 129 | 42 | 41 |
| March..... | 574 | 190 | 202 | 87 | 95 | 6 | 2 | 7 | 33 | 334 | 131 | 58 | 51 |
| April..... | 541 | 178 | 182 | 97 | 84 | 4 | 6 | 5 | 36 | 323 | 132 | 37 | 49 |
| May..... | 545 | 204 | 145 | 102 | 94 | 8 | 6 | 8 | 46 | 307 | 147 | 42 | 49 |
| June..... | 593 | 192 | 193 | 115 | 93 | 12 | ... | 5 | 32 | 348 | 158 | 37 | 50 |
| July..... | 621 | 208 | 200 | 122 | 91 | 8 | 2 | 13 | 49 | 374 | 161 | 34 | 52 |
| August..... | 638 | 205 | 210 | 119 | 104 | 6 | 4 | 5 | 43 | 385 | 177 | 30 | 46 |
| September..... | 565 | 190 | 172 | 106 | 97 | 8 | ... | 5 | 39 | 327 | 140 | 35 | 63 |
| October..... | 578 | 202 | 196 | 105 | 75 | 8 | 19 | 9 | 31 | 362 | 124 | 36 | 56 |
| November..... | 548 | 183 | 165 | 98 | 102 | 8 | 6 | 5 | 47 | 312 | 143 | 36 | 57 |
| December..... | 602 | 184 | 205 | 106 | 107 | 6 | 4 | 4 | 42 | 346 | 152 | 43 | 61 |
| Total sex and color. | 7,031 | 2,350 | 2,280 | 1,273 | 1,119 | 84 | 47 | 84 | 476 | 4,168 | 1,749 | 471 | 643 |
| Total by race..... | ..... | 4,639 | | 2,392 |  | ..... |  | ..... |  | ..... |  | ..... |  |
| Total for year..... | ..... | 7,031 | | | | 131 | | 560 | | 5,917 | | 1,114 | |

¹ 1 set of triplets included.

TABLE 25.—Deaths in the District of Columbia from typhoid fever, excluding so-called "typho-malarial fever," by months and years—Continued.

SUMMARY.

| Calendar year. | Race and sex. | | | | Total. | Death. rate per 100,000 popula- tion. |
|------------------------------|---------------|---------|----------|---------|--------|---|
| | White. | | Colored. | | | |
| | Male. | Female. | Male. | Female. | | |
| 1896-1900 ¹ | 61 | 35 | 37 | 38 | 171 | 60.3 |
| 1901-1905 ¹ | 68 | 31 | 35 | 29 | 163 | 52.3 |
| 1906..... | 54 | 28 | 40 | 40 | 162 | 49.6 |
| 1907..... | 57 | 20 | 21 | 16 | 114 | 34.6 |
| 1908..... | 51 | 37 | 22 | 14 | 124 | 36.5 |
| 1909..... | 50 | 17 | 27 | 20 | 114 | 33.2 |
| 1910..... | 30 | 19 | 16 | 16 | 81 | 23.2 |
| 1906-1910 ¹ | 49 | 24 | 25 | 21 | 119 | 35.4 |

¹ Annual average for 5-year period.

TABLE 26.—Births reported in the District of Columbia, by race and sex, and by months, during the calendar year 1910.

| Month. | Total. | White. | | Colored. | | Twins. | | Illegiti- mate. | | Attended by physi- cians. | | Attended by mid- wives. | |
|--------------------------|--------|--------|---------|----------|---------|--------|----------|--------------------|----------|---------------------------------|----------|-------------------------------|----------|
| | | Male. | Female. | Male. | Female. | White. | Colored. | White. | Colored. | White. | Colored. | White. | Colored. |
| January..... | 641 | 210 | 208 | 121 | 102 | 2 | 4 | 8 | 36 | 377 | 155 | 41 | 68 |
| February..... | 585 | 204 | 211 | 95 | 75 | 8 | 4 | 10 | 42 | 373 | 129 | 42 | 41 |
| March..... | 574 | 190 | 202 | 87 | 95 | 6 | 2 | 7 | 33 | 334 | 131 | 58 | 51 |
| April..... | 541 | 178 | 182 | 97 | 84 | 4 | 6 | 5 | 36 | 323 | 132 | 37 | 49 |
| May..... | 545 | 204 | 145 | 102 | 94 | 8 | 6 | 8 | 46 | 307 | 147 | 42 | 49 |
| June..... | 593 | 192 | 193 | 115 | 93 | 12 | ... | 5 | 32 | 348 | 158 | 37 | 50 |
| July..... | 621 | 208 | 200 | 122 | 91 | 8 | 2 | 13 | 49 | 374 | 161 | 34 | 52 |
| August..... | 638 | 205 | 210 | 119 | 104 | 6 | 4 | 5 | 43 | 385 | 177 | 30 | 46 |
| September..... | 565 | 190 | 172 | 106 | 97 | 8 | ... | 5 | 39 | 327 | 140 | 35 | 63 |
| October..... | 578 | 202 | 196 | 105 | 75 | 8 | 10 | 9 | 31 | 362 | 124 | 36 | 56 |
| November..... | 548 | 183 | 165 | 98 | 102 | 8 | 6 | 5 | 47 | 312 | 143 | 36 | 57 |
| December..... | 602 | 184 | 205 | 106 | 107 | 6 | 4 | 4 | 42 | 346 | 152 | 43 | 61 |
| Total sex and color..... | 7,031 | 2,350 | 2,289 | 1,273 | 1,119 | 84 | 47 | 84 | 476 | 4,168 | 1,749 | 471 | 643 |
| Total by race..... | | 4,639 | | 2,392 | | | | | | | | | |
| Total for year..... | | 7,031 | | | | 131 | | 560 | | 5,917 | | 1,114 | |

¹ 1 set of triplets included.

SUMMARY.

| Hospitals. | White. | | Colored. | | Total. | |
|--|--------|---------|----------|---------|--------|----------|
| | Male. | Female. | Male. | Female. | White. | Colored. |
| Columbia Hospital..... | 82 | 99 | 131 | 109 | 181 | 240 |
| Casualty Hospital..... | 1 | 1 | | | 1 | |
| Emergency Hospital..... | | | | | | |
| Frederick's Hospital..... | | | | | | |
| Florence Crittenton Home..... | | | | | | |
| Fry's, Dr., Sanitarium..... | 20 | 10 | 146 | 93 | 1 | 239 |
| Garfield Hospital..... | 1 | | | | 30 | |
| Georgetown University Hospital..... | 40 | 33 | 27 | 25 | 73 | 52 |
| George Washington University Hospital..... | 39 | 31 | 1 | 2 | 70 | 3 |
| Homeopathic Hospital..... | 53 | 52 | 1 | 1 | 105 | 2 |
| Homeopathic Hospital..... | 26 | 19 | 77 | 74 | 45 | 151 |
| Providence Hospital..... | 86 | 50 | | | 136 | |
| Sibley Hospital..... | 79 | 72 | | 2 | 151 | 2 |
| St. Ann's Asylum..... | 3 | 1 | | | 4 | |
| St. Elizabeth..... | 1 | | | | 1 | |
| Washington Asylum Hospital..... | 8 | 9 | 34 | 34 | 17 | 68 |
| Washington Branch Sanitarium..... | | 1 | | | 1 | |
| Total..... | 439 | 378 | 417 | 342 | 817 | 759 |
| | | | | | | 1,576 |

TABLE 28.—*Births reported in the District of Columbia, arranged by race, and by legitimacy and illegitimacy.*

| Calendar year. | Legitimate. | | | Illegitimate. | | | Total. | | | Twins. | | | Triplets. | | |
|------------------------------|-------------|----------|-------|---------------|----------|------|--------|----------|-------|--------|----------|------|-----------|----------|------|
| | White. | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. |
| 1896-1900 ¹ | 2,712 | 1,380 | 4,092 | 86 | 491 | 577 | 2,798 | 1,871 | 4,669 | 71 | 42 | 113 | 1 | .... | 1 |
| 1901-1905 ¹ | 3,335 | 1,499 | 4,834 | 95 | 481 | 576 | 3,430 | 1,980 | 5,409 | 72 | 52 | 124 | 1 | 2 | 3 |
| 1906..... | 4,216 | 1,713 | 5,929 | 114 | 486 | 600 | 4,330 | 2,199 | 6,529 | 80 | 44 | 124 | 6 | .... | 6 |
| 1907..... | 4,457 | 1,825 | 6,282 | 94 | 497 | 591 | 4,551 | 2,322 | 6,873 | 74 | 38 | 112 | .... | .... | .... |
| 1908..... | 4,723 | 1,743 | 6,466 | 112 | 462 | 574 | 4,835 | 2,265 | 7,040 | 102 | 54 | 156 | .... | .... | .... |
| 1909..... | 4,715 | 1,733 | 6,448 | 91 | 487 | 578 | 4,806 | 2,220 | 7,026 | 82 | 48 | 130 | .... | .... | .... |
| 1910..... | 4,555 | 1,916 | 6,471 | 84 | 476 | 560 | 4,639 | 2,392 | 7,031 | 84 | 47 | 131 | .... | 3 | 3 |
| 1906-1910 ¹ | 4,533 | 1,786 | 6,319 | 99 | 482 | 581 | 4,632 | 2,268 | 6,900 | 84 | 46 | 130 | 1 | 1 | 2 |

¹ Annual average for 5-year period.TABLE 29.—*Stillbirths reported in the District of Columbia during the calendar year 1910, by sex and race, and certain data relative thereto.*

| | White. | | Colored. | | Unknown race. | | | Total. |
|---------------------------------------|--------|--------------|----------|--------------|---------------|--------------|-------------------|--------|
| | Male. | Fe- male. | Male. | Fe- male. | Male. | Fe- male. | Sex un- known. | |
| Legitimacy: | | | | | | | | |
| Legitimate..... | 108 | 93 | 99 | 78 | ..... | ..... | ..... | 378 |
| Illegitimate..... | 5 | 4 | 44 | 39 | ..... | ..... | ..... | 92 |
| Unknown..... | ..... | ..... | 2 | 1 | 24 | 19 | 38 | 84 |
| Total..... | 113 | 97 | 145 | 118 | 24 | 19 | 38 | 554 |
| Period of utero-gestation: | | | | | | | | |
| 4 months and under..... | 5 | 3 | 6 | 4 | 8 | 6 | 32 | 64 |
| 5 months..... | 7 | 2 | 10 | 7 | 2 | 2 | 3 | 33 |
| 6 months..... | 10 | 6 | 25 | 19 | 1 | 2 | ..... | 63 |
| 7 months..... | 20 | 19 | 20 | 28 | 3 | 2 | 3 | 95 |
| 8 months..... | 23 | 16 | 27 | 24 | 8 | 2 | ..... | 100 |
| 9 months..... | 27 | 24 | 34 | 25 | 2 | 3 | ..... | 115 |
| 10 months..... | 21 | 27 | 23 | 11 | ..... | 2 | ..... | 84 |
| Total..... | 113 | 97 | 145 | 118 | 24 | 19 | 38 | 554 |
| By whom reported: | | | | | | | | |
| Physicians..... | 111 | 91 | 112 | 92 | ..... | ..... | ..... | 406 |
| Coroner..... | 2 | 6 | 33 | 26 | 24 | 19 | 38 | 148 |
| Total..... | 113 | 97 | 145 | 118 | 24 | 19 | 38 | 554 |
| Causes: | | | | | | | | |
| Unknown..... | 72 | 48 | 99 | 93 | 24 | 19 | 38 | 393 |
| Puerperal eclampsia..... | 5 | 2 | 2 | 1 | ..... | ..... | ..... | 10 |
| Placenta previa..... | 1 | 2 | 2 | 2 | ..... | ..... | ..... | 7 |
| Compression of cord..... | 4 | 3 | 3 | ..... | ..... | ..... | ..... | 10 |
| Malpresentation..... | 4 | 6 | 1 | 2 | ..... | ..... | ..... | 13 |
| Asphyxia..... | 1 | 3 | 1 | 1 | ..... | ..... | ..... | 6 |
| Ill health of mother..... | 5 | 8 | 3 | 2 | ..... | ..... | ..... | 18 |
| Difficult labor..... | 3 | 3 | 1 | ..... | ..... | ..... | ..... | 7 |
| Dystocia..... | 4 | 2 | 7 | 2 | ..... | ..... | ..... | 15 |
| Prolapsed cord..... | 4 | 7 | 2 | 3 | ..... | ..... | ..... | 16 |
| Prematurity..... | 3 | 5 | 4 | 6 | ..... | ..... | ..... | 18 |
| Deformed pelvis..... | 2 | 1 | 1 | ..... | ..... | ..... | ..... | 4 |
| Hydramnios..... | 1 | ..... | ..... | 1 | ..... | ..... | ..... | 2 |
| Malformation..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| Overexertion of mother..... | 1 | ..... | 2 | 2 | ..... | ..... | ..... | 5 |
| Premature separation of placenta..... | 2 | 2 | ..... | ..... | ..... | ..... | ..... | 4 |
| Impacted head..... | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 |
| Hydrocephalus..... | ..... | 2 | 2 | ..... | ..... | ..... | ..... | 4 |
| Multiple pregnancy..... | ..... | 2 | ..... | ..... | ..... | ..... | ..... | 2 |
| Syphilis..... | ..... | ..... | 7 | 3 | ..... | ..... | ..... | 10 |
| Injury to mother..... | ..... | ..... | 8 | ..... | ..... | ..... | ..... | 8 |
| Total..... | 113 | 97 | 145 | 118 | 24 | 19 | 38 | 554 |

TABLE 30.—*Rainfall in the District of Columbia, by months and years.*

| Calendar year. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Annual. |
|------------------------------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|---------|
| 1896-1900 ¹ | 2.77 | 4.97 | 3.67 | 1.95 | 3.56 | 3.94 | 3.91 | 4.16 | 3.63 | 2.33 | 2.59 | 1.80 | 30.28 |
| 1901-1905 ¹ | 3.40 | 3.97 | 3.60 | 3.70 | 2.95 | 4.39 | 5.82 | 4.64 | 2.07 | 3.37 | 1.97 | 4.69 | 45.57 |
| 1906..... | 3.11 | 2.14 | 4.62 | 3.03 | 1.80 | 5.89 | 6.80 | 14.36 | .60 | 5.71 | 1.63 | 3.28 | 52.97 |
| 1907..... | 2.54 | 2.31 | 2.79 | 3.61 | 5.03 | 4.86 | 1.55 | 4.38 | 7.15 | 2.12 | 4.16 | 4.20 | 44.70 |
| 1908..... | 3.45 | 3.98 | 2.45 | 1.59 | 6.10 | 1.73 | 3.29 | 5.14 | 4.65 | 1.71 | .60 | 3.63 | 38.32 |
| 1909..... | 2.84 | 3.11 | 4.76 | 2.69 | 3.77 | 3.82 | 1.80 | 2.27 | 3.42 | .79 | .89 | 3.39 | 33.55 |
| 1910..... | 4.39 | 2.20 | .57 | .20 | 3.43 | 4.77 | 3.73 | 1.26 | 2.15 | 5.74 | 2.28 | 2.64 | 33.36 |
| 1906-1910 ¹ | 3.27 | 2.75 | 3.04 | 2.23 | 4.03 | 4.21 | 3.43 | 5.48 | 3.59 | 3.21 | 1.91 | 3.43 | 40.58 |

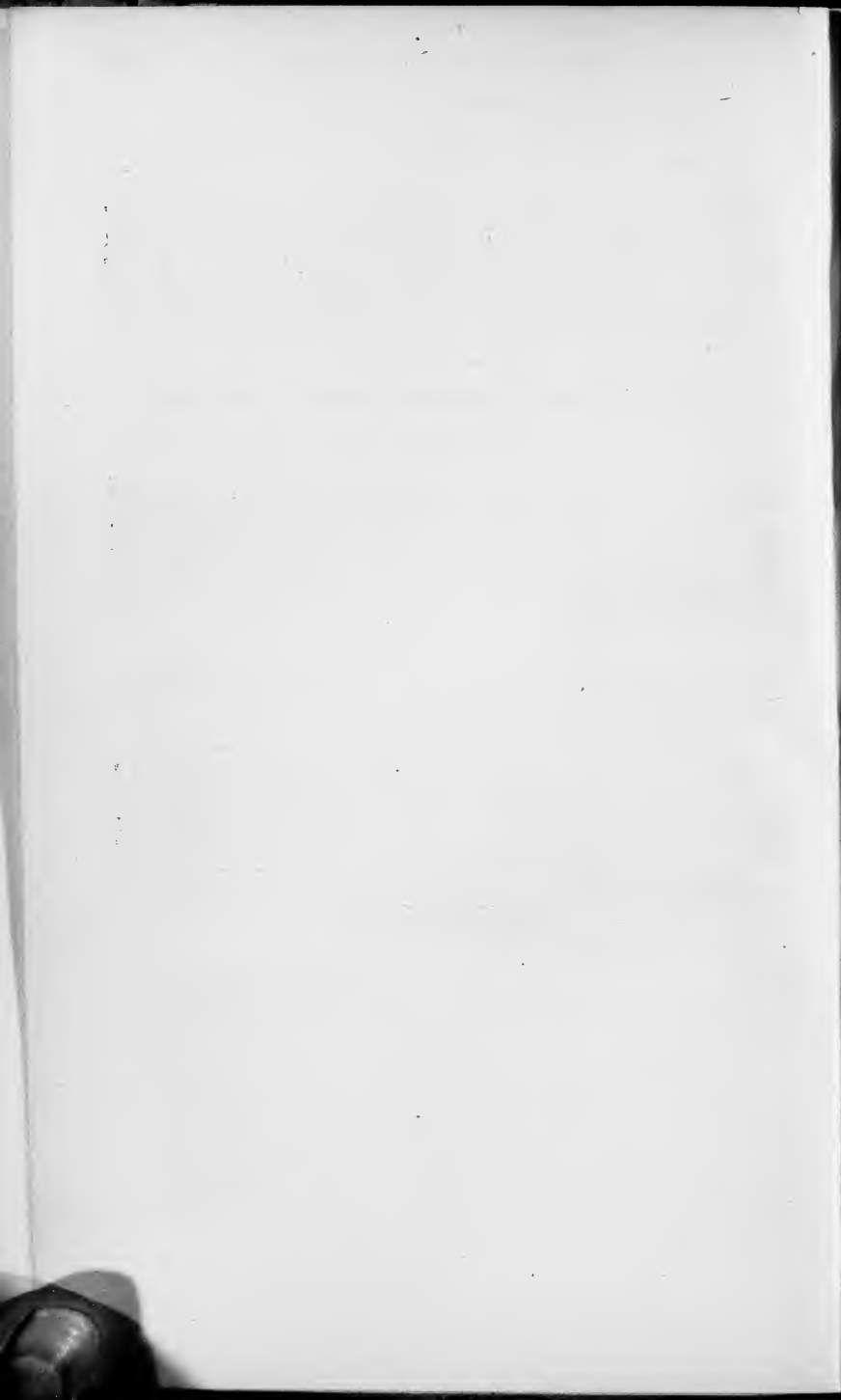
¹ Annual average for 5-year period.TABLE 31.—*Mean temperature in the District of Columbia, by months and years.*

| Calendar year. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|------------------------------|------|------|------|------|------|-------|-------|------|-------|------|------|------|
| 1896-1900 ¹ | 33.9 | 33.8 | 42.9 | 55.7 | 64.8 | 72.2 | 76.3 | 76.3 | 69.2 | 58.1 | 46.9 | 36.4 |
| 1901-1905 ¹ | 31.4 | 30.2 | 45.8 | 52.3 | 64.4 | 70.8 | 76.7 | 73.2 | 67.5 | 56.3 | 44.2 | 33.8 |
| 1906..... | 40.0 | 34.0 | 38.0 | 55.0 | 64.0 | 73.0 | 75.2 | 76.0 | 72.9 | 56.9 | 47.9 | 37.0 |
| 1907..... | 37.1 | 30.1 | 48.8 | 48.4 | 59.2 | 65.9 | 75.8 | 72.4 | 69.4 | 52.0 | 44.5 | 38.1 |
| 1908..... | 34.2 | 30.8 | 47.4 | 56.5 | 65.2 | 71.8 | 78.0 | 73.2 | 66.6 | 58.2 | 46.0 | 36.7 |
| 1909..... | 36.0 | 43.0 | 42.1 | 54.4 | 64.4 | 73.4 | 74.7 | 73.0 | 66.3 | 53.2 | 50.8 | 31.8 |
| 1910..... | 33.7 | 34.7 | 51.2 | 57.9 | 61.5 | 69.7 | 77.6 | 73.8 | 71.0 | 60.2 | 41.4 | 30.5 |
| 1906-1910 ¹ | 36.2 | 34.5 | 45.5 | 54.4 | 62.9 | 70.8 | 76.3 | 73.7 | 69.2 | 56.1 | 46.1 | 34.8 |

¹ Annual average for 5-year period.TABLE 32.—*Mean relative humidity in the District of Columbia, by months and years.*

| Calendar year. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|
| 1896-1900 ¹ | 71.3 | 72.6 | 70.1 | 61.0 | 70.1 | 72.5 | 74.2 | 76.8 | 76.9 | 80.2 | 74.8 | 71.4 |
| 1901-1905 ¹ | 70.3 | 63.9 | 72.9 | 66.6 | 71.4 | 74.5 | 76.4 | 79.7 | 83.3 | 77.6 | 68.2 | 72.5 |
| 1906..... | 70.0 | 69.0 | 68.0 | 57.0 | 50.0 | 79.0 | 79.0 | 88.0 | 84.0 | 80.0 | 73.0 | 74.0 |
| 1907..... | ..... | ..... | ..... | ..... | ..... | ..... | 73.0 | 79.0 | 83.1 | 78.6 | 69.2 | 68.4 |
| 1908..... | ..... | ..... | ..... | ..... | ..... | ..... | 73.0 | 79.0 | 83.1 | 78.6 | 69.2 | 68.4 |
| 1909..... | 74.4 | 70.8 | 64.0 | 61.0 | 62.0 | 76.2 | 64.0 | 71.1 | 73.8 | 70.0 | 66.0 | 64.6 |
| 1910..... | 73.0 | 66.0 | 61.0 | 63.0 | 67.0 | 73.0 | 73.7 | 76.0 | 76.0 | 76.0 | 63.0 | 68.0 |
| 1906-1910 ¹ | 72.5 | 68.6 | 64.3 | 60.3 | 59.6 | 76.1 | 72.4 | 78.5 | 79.2 | 76.4 | 67.8 | 68.7 |

¹ Average annual for 5-year period.



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